



Petroleum Supply Monthly

January 2012

With Data for November 2011

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Energy Information Administration

Office of Oil and Gas
U.S. Department of Energy
Washington, DC 20585

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Preface

The *Petroleum Supply Monthly* (PSM) is the monthly component of a series of three publications produced by the Petroleum Division of the Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report* (WPSR) and the *Petroleum Supply Annual* (PSA). Together these publications present a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly basis.

Data presented in the *PSM* describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply. Included are: petroleum refiners, motor gasoline blenders, oxygenate producers, operators of natural gas processing plants and fractionators, inter-PAD transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

The *PSM* presents statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources.

Appendices

Three appendices are provided to assist in understanding and interpreting the data presented in this publication:

- Appendix A (District Descriptions and Maps) - Geographic aggregations of the 50 States and the District of Columbia into Refining Districts which make up the PAD Districts.
- Appendix B (Explanatory Notes) - Information describing data collection, sources, estimation methodology, data quality control procedures, modifications to reporting requirements and interpretation of tables.
- Appendix D (Northeast Home Heating Oil Reserve) - Contains volumes of heating oil held in terminals by the government as a reserve to reduce the risks of home heating oil shortages.

Industry terminology and product definitions are listed alphabetically in the Glossary. Final statistics for the data series published in the *PSM*, as well as additional data from the annual refinery survey are published in the *PSA*. The *PSA* is published approximately six months after the end of the report year.

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Table 1. U.S. Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2011
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	175,268	--	--	264,793	9,645	-963	448,740	1,928	0	1,033,596
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	70,246	-577	11,513	5,169	--	-7,424	17,906	6,519	69,350	141,630
Pentanes Plus	9,241	-577	--	1,353	--	111	5,048	2,547	2,311	16,452
Liquefied Petroleum Gases	61,005	--	11,513	3,816	--	-7,535	12,858	3,972	67,039	125,178
Ethane/Ethylene	29,540	--	624	9	--	911	--	--	29,262	22,621
Propane/Propylene	19,847	--	16,912	3,221	--	-750	--	3,657	37,073	58,982
Normal Butane/Butylene	4,822	--	-6,033	419	--	-8,184	6,891	315	186	36,943
Isobutane/Isobutylene	6,796	--	10	167	--	488	5,967	--	518	6,632
Other Liquids	--	30,318	--	40,165	5,269	5,810	63,291	6,251	400	268,996
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	30,321	--	553	5,729	566	30,948	5,089	0	20,735
Hydrogen	--	--	--	--	5,627	--	5,627	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,986	--	--	-69	333	129	1,455	0	913
Renewable Fuels (including Fuel Ethanol) ...	--	28,335	--	444	245	226	25,164	3,634	0	19,779
Fuel Ethanol ⁵	--	28,335	--	376	-293	271	24,513	3,634	0	18,343
Renewable Fuels Except Fuel Ethanol	--	--	--	68	538	-45	651	--	0	1,436
Other Hydrocarbons	--	--	--	109	-74	7	28	--	0	43
Unfinished Oils	--	--	--	18,320	--	-5,213	23,136	--	397	85,703
Motor Gasoline Blend.Comp. (MGBC)	--	-3	--	21,292	-460	10,463	9,204	1,162	0	162,550
Reformulated	--	--	--	4,947	3,455	4,678	3,646	78	0	49,018
Conventional	--	-3	--	16,345	-3,915	5,785	5,558	1,084	0	113,532
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-6	3	--	3	8
Finished Petroleum Products	--	7	551,929	24,865	752	4,527	--	80,757	492,269	327,538
Finished Motor Gasoline	--	7	273,752	2,208	752	2,140	--	18,772	255,808	58,430
Reformulated	--	--	89,221	--	-2,570	58	--	232	86,361	177
Conventional	--	7	184,531	2,208	3,323	2,082	--	18,540	169,447	58,253
Finished Aviation Gasoline	--	--	390	4	--	41	--	--	353	1,067
Kerosene-Type Jet Fuel	--	--	40,241	2,163	--	-3,582	--	3,173	42,813	42,050
Kerosene	--	--	662	92	--	316	--	130	308	2,574
Distillate Fuel Oil ⁶	--	--	147,092	4,004	0	1,153	--	28,286	121,657	144,013
15 ppm sulfur and under ⁷	--	--	126,617	3,035	0	784	--	19,330	109,538	96,803
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	5,173	26	--	484	--	4,450	265	9,376
Greater than 500 ppm sulfur	--	--	15,302	943	--	-115	--	4,506	11,854	37,834
Residual Fuel Oil ⁸	--	--	15,471	10,202	--	2,500	--	11,334	11,839	39,304
Less than 0.31 percent sulfur	--	--	1,204	2,621	--	816	--	NA	NA	4,069
0.31 to 1.00 percent sulfur	--	--	1,339	901	--	-1,303	--	NA	NA	6,152
Greater than 1.00 percent sulfur	--	--	12,928	6,680	--	2,987	--	NA	NA	29,083
Petrochemical Feedstocks	--	--	8,856	3,703	--	-8	--	--	12,567	3,169
Naphtha for Petro. Feed. Use	--	--	6,373	1,464	--	89	--	--	7,748	2,190
Other Oils for Petro. Feed. Use	--	--	2,483	2,239	--	-97	--	--	4,819	979
Special Naphthas	--	--	1,305	196	--	135	--	1,452	-86	1,214
Lubricants	--	--	4,499	998	--	186	--	1,598	3,713	9,455
Waxes	--	--	222	223	--	4	--	162	279	584
Petroleum Coke	--	--	26,271	674	--	1,025	--	15,100	10,820	7,929
Marketable	--	--	19,152	674	--	1,025	--	15,100	3,701	7,929
Catalyst	--	--	7,119	--	--	--	--	--	7,119	--
Asphalt and Road Oil	--	--	9,778	393	--	515	--	709	8,947	17,091
Still Gas	--	--	20,973	--	--	--	--	--	20,973	--
Miscellaneous Products	--	--	2,417	5	--	102	--	41	2,279	658
Total	245,514	29,748	563,442	334,992	15,667	1,950	529,937	95,456	562,019	1,771,760

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

⁶ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 2. U.S. Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2011
(Thousand Barrels)

Commodity	Supply					Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³	
Crude Oil⁴	1,888,305	--	--	2,986,122	70,061	-24,949	4,953,925	15,512	0	1,033,596
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	723,826	-6,202	214,875	56,861	--	20,329	160,938	63,662	744,431	141,630
Pentanes Plus	98,448	-6,202	--	13,816	--	3,942	58,063	13,722	30,335	16,452
Liquefied Petroleum Gases	625,378	--	214,875	43,045	--	16,387	102,875	49,940	714,096	125,178
Ethane/Ethylene	300,554	--	6,507	109	--	-2,112	--	--	309,282	22,621
Propane/Propylene	204,958	--	183,584	34,646	--	9,627	--	41,427	372,134	58,982
Normal Butane/Butylene	50,632	--	24,661	5,157	--	9,293	40,388	8,513	22,256	36,943
Isobutane/Isobutylene	69,234	--	123	3,133	--	-421	62,487	--	10,424	6,632
Other Liquids	--	323,057	--	451,989	43,532	12,765	746,375	59,292	146	268,996
Hydrogen/Oxygenates/Renewables/										
Other Hydrocarbons	--	323,088	--	4,390	53,981	1,382	336,957	43,120	0	20,735
Hydrogen	--	--	--	--	59,363	--	59,363	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	20,753	--	5	-727	182	1,069	18,780	0	913
Renewable Fuels (including Fuel Ethanol) ...	--	302,335	--	2,726	-3,448	1,177	276,096	24,340	0	19,779
Fuel Ethanol ⁵	--	302,335	--	2,425	-8,923	403	271,094	24,340	0	18,343
Renewable Fuels Except Fuel Ethanol	--	--	--	301	5,475	774	5,002	--	0	1,436
Other Hydrocarbons	--	--	--	1,659	-1,207	23	429	--	0	43
Unfinished Oils	--	--	--	207,564	--	4,894	202,522	--	148	85,703
Motor Gasoline Blend.Comp. (MGBC)	--	-31	--	240,035	-10,450	6,490	206,893	16,171	0	162,550
Reformulated	--	--	--	60,430	22,205	-6,123	88,345	413	0	49,018
Conventional	--	-31	--	179,605	-32,654	12,613	118,548	15,759	0	113,532
Aviation Gasoline Blend. Comp.	--	--	--	--	--	-1	3	--	-2	8
Finished Petroleum Products	--	197	6,007,043	311,642	19,373	-29,908	--	818,684	5,549,479	327,538
Finished Motor Gasoline	--	197	3,015,038	36,362	19,373	-4,983	--	155,674	2,920,279	58,430
Reformulated	--	--	1,006,809	--	-6,450	-292	--	2,724	997,928	177
Conventional	--	197	2,008,229	36,362	25,822	-4,691	--	152,950	1,922,351	58,253
Finished Aviation Gasoline	--	--	4,954	57	--	-29	--	--	5,040	1,067
Kerosene-Type Jet Fuel	--	--	484,037	24,365	--	-1,159	--	31,297	478,264	42,050
Kerosene	--	--	5,317	570	--	141	--	1,689	4,057	2,574
Distillate Fuel Oil ⁶	--	--	1,485,285	58,880	0	-20,439	--	276,778	1,287,826	144,013
15 ppm sulfur and under ⁷	--	--	1,287,652	37,924	0	-10,981	--	183,323	1,153,234	96,803
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	59,471	2,143	--	-2,780	--	60,034	4,360	9,376
Greater than 500 ppm sulfur	--	--	138,162	18,813	--	-6,678	--	33,422	130,231	37,834
Residual Fuel Oil ⁸	--	--	181,417	118,524	--	-1,982	--	142,726	159,197	39,304
Less than 0.31 percent sulfur	--	--	11,951	18,799	--	-302	--	NA	NA	4,069
0.31 to 1.00 percent sulfur	--	--	26,276	11,839	--	-2,307	--	NA	NA	6,152
Greater than 1.00 percent sulfur	--	--	143,190	87,886	--	627	--	NA	NA	29,083
Petrochemical Feedstocks	--	--	101,622	46,058	--	650	--	--	147,030	3,169
Naphtha for Petro. Feed. Use	--	--	67,889	17,637	--	558	--	--	84,968	2,190
Other Oils for Petro. Feed. Use	--	--	33,733	28,421	--	92	--	--	62,062	979
Special Naphthas	--	--	12,703	4,039	--	182	--	12,830	3,730	1,214
Lubricants	--	--	57,105	8,861	--	1,252	--	22,911	41,803	9,455
Waxes	--	--	2,791	1,577	--	131	--	1,812	2,425	584
Petroleum Coke	--	--	280,358	4,815	--	-895	--	161,869	124,199	7,929
Marketable	--	--	204,347	4,815	--	-895	--	161,869	48,188	7,929
Catalyst	--	--	76,011	--	--	--	--	--	76,011	--
Asphalt and Road Oil	--	--	124,023	7,414	--	-2,833	--	10,554	123,716	17,091
Still Gas	--	--	226,089	--	--	--	--	--	226,089	--
Miscellaneous Products	--	--	26,304	120	--	56	--	544	25,824	658
Total	2,612,131	317,052	6,221,918	3,806,614	132,965	-21,763	5,861,238	957,150	6,294,055	1,771,760

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

⁶ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

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Table 3. U.S. Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2011
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	5,842	--	--	8,826	321	-32	14,958	64	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	2,342	-19	384	172	--	-247	597	217	2,312
Pentanes Plus	308	-19	--	45	--	4	168	85	77
Liquefied Petroleum Gases	2,034	--	384	127	--	-251	429	132	2,235
Ethane/Ethylene	985	--	21	0	--	30	--	--	975
Propane/Propylene	662	--	564	107	--	-25	--	122	1,236
Normal Butane/Butylene	161	--	-201	14	--	-273	230	11	6
Isobutane/Isobutylene	227	--	0	6	--	16	199	--	17
Other Liquids	--	1,011	--	1,339	176	194	2,110	208	13
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	1,011	--	18	191	19	1,032	170	0
Hydrogen	--	--	--	--	188	--	188	--	0
Oxygenates (excluding Fuel Ethanol)	--	66	--	--	-2	11	4	48	0
Renewable Fuels (including Fuel Ethanol)	--	945	--	15	8	8	839	121	0
Fuel Ethanol ⁵	--	945	--	13	-10	9	817	121	0
Renewable Fuels Except Fuel Ethanol	--	--	--	2	18	-2	22	--	0
Other Hydrocarbons	--	--	--	4	-2	0	1	--	0
Unfinished Oils	--	--	--	611	--	-174	771	--	13
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	710	-15	349	307	39	0
Reformulated	--	--	--	165	115	156	122	3	0
Conventional	--	0	--	545	-131	193	185	36	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	0	18,398	829	25	151	--	2,692	16,409
Finished Motor Gasoline	--	0	9,125	74	25	71	--	626	8,527
Reformulated	--	--	2,974	--	-86	2	--	8	2,879
Conventional	--	0	6,151	74	111	69	--	618	5,648
Finished Aviation Gasoline	--	--	13	0	--	1	--	--	12
Kerosene-Type Jet Fuel	--	--	1,341	72	--	-119	--	106	1,427
Kerosene	--	--	22	3	--	11	--	4	10
Distillate Fuel Oil ⁶	--	--	4,903	133	0	38	--	943	4,055
15 ppm sulfur and under ⁷	--	--	4,221	101	0	26	--	644	3,651
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	172	1	--	16	--	148	9
Greater than 500 ppm sulfur	--	--	510	31	--	-4	--	150	395
Residual Fuel Oil ⁸	--	--	516	340	--	83	--	378	395
Less than 0.31 percent sulfur	--	--	40	87	--	27	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	45	30	--	-43	--	NA	NA
Greater than 1.00 percent sulfur	--	--	431	223	--	100	--	NA	NA
Petrochemical Feedstocks	--	--	295	123	--	0	--	--	419
Naphtha for Petro. Feed. Use	--	--	212	49	--	3	--	--	258
Other Oils for Petro. Feed. Use	--	--	83	75	--	-3	--	--	161
Special Naphthas	--	--	44	7	--	5	--	48	-3
Lubricants	--	--	150	33	--	6	--	53	124
Waxes	--	--	7	7	--	0	--	5	9
Petroleum Coke	--	--	876	22	--	34	--	503	361
Marketable	--	--	638	22	--	34	--	503	123
Catalyst	--	--	237	--	--	--	--	--	237
Asphalt and Road Oil	--	--	326	13	--	17	--	24	298
Still Gas	--	--	699	--	--	--	--	--	699
Miscellaneous Products	--	--	81	0	--	3	--	1	76
Total	8,184	992	18,781	11,166	522	65	17,665	3,182	18,734

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

⁶ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 4. U.S. Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2011
(Thousand Barrels per Day)

Commodity	Supply					Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports	Adjustments ¹	Stock Change ²	Refinery and Blender Net Inputs	Exports	Products Supplied ³
Crude Oil⁴	5,654	--	--	8,940	210	-75	14,832	46	0
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	2,167	-19	643	170	--	61	482	191	2,229
Pentanes Plus	295	-19	--	41	--	12	174	41	91
Liquefied Petroleum Gases	1,872	--	643	129	--	49	308	150	2,138
Ethane/Ethylene	900	--	19	0	--	-6	--	--	926
Propane/Propylene	614	--	550	104	--	29	--	124	1,114
Normal Butane/Butylene	152	--	74	15	--	28	121	25	67
Isobutane/Isobutylene	207	--	0	9	--	-1	187	--	31
Other Liquids	--	967	--	1,353	130	38	2,235	178	0
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	967	--	13	162	4	1,009	129	0
Hydrogen	--	--	--	--	178	--	178	--	0
Oxygenates (excluding Fuel Ethanol)	--	62	--	0	-2	1	3	56	0
Renewable Fuels (including Fuel Ethanol)	--	905	--	8	-10	4	827	73	0
Fuel Ethanol ⁵	--	905	--	7	-27	1	812	73	0
Renewable Fuels Except Fuel Ethanol	--	--	--	1	16	2	15	--	0
Other Hydrocarbons	--	--	--	5	-4	0	1	--	0
Unfinished Oils	--	--	--	621	--	15	606	--	0
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	719	-31	19	619	48	0
Reformulated	--	--	--	181	66	-18	265	1	0
Conventional	--	0	--	538	-98	38	355	47	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	1	17,985	933	58	-90	--	2,451	16,615
Finished Motor Gasoline	--	1	9,027	109	58	-15	--	466	8,743
Reformulated	--	--	3,014	--	-19	-1	--	8	2,988
Conventional	--	1	6,013	109	77	-14	--	458	5,756
Finished Aviation Gasoline	--	--	15	0	--	0	--	--	15
Kerosene-Type Jet Fuel	--	--	1,449	73	--	-3	--	94	1,432
Kerosene	--	--	16	2	--	0	--	5	12
Distillate Fuel Oil ⁶	--	--	4,447	176	0	-61	--	829	3,856
15 ppm sulfur and under ⁷	--	--	3,855	114	0	-33	--	549	3,453
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	178	6	--	-8	--	180	13
Greater than 500 ppm sulfur	--	--	414	56	--	-20	--	100	390
Residual Fuel Oil ⁸	--	--	543	355	--	-6	--	427	477
Less than 0.31 percent sulfur	--	--	36	56	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	79	35	--	-7	--	NA	NA
Greater than 1.00 percent sulfur	--	--	429	263	--	2	--	NA	NA
Petrochemical Feedstocks	--	--	304	138	--	2	--	--	440
Naphtha for Petro. Feed. Use	--	--	203	53	--	2	--	--	254
Other Oils for Petro. Feed. Use	--	--	101	85	--	0	--	--	186
Special Naphthas	--	--	38	12	--	1	--	38	11
Lubricants	--	--	171	27	--	4	--	69	125
Waxes	--	--	8	5	--	0	--	5	7
Petroleum Coke	--	--	839	14	--	-3	--	485	372
Marketable	--	--	612	14	--	-3	--	485	144
Catalyst	--	--	228	--	--	--	--	--	228
Asphalt and Road Oil	--	--	371	22	--	-8	--	32	370
Still Gas	--	--	677	--	--	--	--	--	677
Miscellaneous Products	--	--	79	0	--	0	--	2	77
Total	7,821	949	18,628	11,397	398	-65	17,549	2,866	18,844

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

³ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁴ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁵ Exports include industrial alcohol.

⁶ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 5. PAD District 1 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2011
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	690	--	--	30,901	639	1,417	305	33,055	287	0	10,771
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,150	-7	736	1,292	3,374	--	-1,313	729	41	7,088	8,547
Pentanes Plus	194	-7	--	--	--	--	0	--	7	180	28
Liquefied Petroleum Gases	956	--	736	1,292	3,374	--	-1,313	729	34	6,908	8,519
Ethane/Ethylene	17	--	13	--	--	--	--	--	--	30	--
Propane/Propylene	638	--	1,315	1,144	3,344	--	-417	--	28	6,830	5,886
Normal Butane/Butylene	155	--	-596	122	30	--	-848	359	6	194	2,336
Isobutane/Isobutylene	146	--	4	26	--	--	-48	370	--	-146	297
Other Liquids	--	550	--	21,850	47,251	6,152	4,509	70,401	868	25	62,324
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	552	--	332	9,722	-129	88	9,542	847	0	6,574
Hydrogen	--	--	--	--	--	38	--	38	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	2	--	--	2	0	--
Renewable Fuels (including Fuel Ethanol)	--	552	--	282	9,722	-119	88	9,504	845	0	6,574
Fuel Ethanol ⁶	--	552	--	282	9,493	-111	89	9,282	845	0	6,099
Renewable Fuels Except Fuel Ethanol	--	--	--	--	229	-8	-1	222	--	0	475
Other Hydrocarbons	--	--	--	50	--	-50	--	--	--	0	--
Unfinished Oils	--	--	--	2,287	-118	--	-1,508	3,652	--	25	5,927
Motor Gasoline Blend. Comp. (MGBGC)	--	-2	--	19,231	37,647	6,281	5,929	57,207	21	0	49,823
Reformulated	--	--	--	4,947	9,057	-1,007	2,443	10,554	0	0	17,938
Conventional	--	-2	--	14,284	28,590	7,288	3,486	46,653	21	0	31,885
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	105,576	13,264	51,191	-6,170	-1,189	--	6,635	158,415	95,449
Finished Motor Gasoline	--	--	84,103	721	13,368	-6,170	249	--	44	91,729	8,530
Reformulated	--	--	35,230	--	--	2,018	56	--	4	37,188	156
Conventional	--	--	48,873	721	13,368	-8,188	193	--	40	54,541	8,374
Finished Aviation Gasoline	--	--	--	1	171	--	7	--	--	165	147
Kerosene-Type Jet Fuel	--	--	1,478	721	14,032	--	-1,377	--	97	17,511	10,018
Kerosene	--	--	173	91	--	--	216	--	98	-50	1,889
Distillate Fuel Oil ⁷	--	--	12,870	3,869	22,579	0	65	--	3,625	35,628	58,155
15 ppm sulfur and under ⁸	--	--	6,192	2,903	19,407	0	-430	--	1,742	27,190	22,996
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	165	23	1,082	--	429	--	771	70	4,250
Greater than 500 ppm sulfur	--	--	6,513	943	2,090	--	66	--	1,112	8,368	30,909
Residual Fuel Oil ⁹	--	--	1,896	7,092	22	--	-247	--	1,633	7,624	11,833
Less than 0.31 percent sulfur	--	--	792	2,441	--	--	845	--	NA	NA	2,317
0.31 to 1.00 percent sulfur	--	--	147	657	--	--	-1,191	--	NA	NA	2,756
Greater than 1.00 percent sulfur	--	--	957	3,994	22	--	99	--	NA	NA	6,760
Petrochemical Feedstocks	--	--	199	46	60	--	86	--	--	219	293
Naphtha for Petro. Feed. Use	--	--	199	44	106	--	86	--	--	263	293
Other Oils for Petro. Feed. Use	--	--	--	2	-46	--	--	--	--	-44	--
Special Naphthas	--	--	25	1	--	--	-4	--	6	24	40
Lubricants	--	--	429	96	618	--	73	--	144	926	1,066
Waxes	--	--	10	218	--	--	32	--	78	118	233
Petroleum Coke	--	--	1,274	216	--	--	--	--	647	843	--
Marketable	--	--	391	216	--	--	--	--	647	-40	--
Catalyst	--	--	883	--	--	--	--	--	--	883	--
Asphalt and Road Oil	--	--	1,748	191	341	--	-291	--	242	2,329	3,213
Still Gas	--	--	1,262	--	--	--	--	--	--	1,262	--
Miscellaneous Products	--	--	109	1	--	--	2	--	21	87	32
Total	1,840	543	106,312	67,307	102,455	1,399	2,312	104,185	7,831	165,528	177,091

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 6. PAD District 1 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2011
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	7,234	--	--	356,585	4,008	7,260	1,603	371,437	2,047	0	10,771
Natural Gas Plant Liquids and Liquefied Refinery Gases	11,297	-103	15,214	16,544	29,730	--	2,632	6,179	3,706	60,165	8,547
Pentanes Plus	1,979	-103	--	--	-113	--	5	--	2,063	-305	28
Liquefied Petroleum Gases	9,318	--	15,214	16,544	29,843	--	2,627	6,179	1,642	60,471	8,519
Ethane/Ethylene	211	--	35	--	--	--	0	--	--	246	--
Propane/Propylene	6,154	--	13,520	13,654	29,428	--	1,758	--	384	60,614	5,886
Normal Butane/Butylene	1,546	--	2,641	1,226	262	--	817	2,203	1,259	1,396	2,336
Isobutane/Isobutylene	1,407	--	-982	1,664	153	--	52	3,976	--	-1,786	297
Other Liquids	--	6,419	--	245,907	486,546	79,491	6,905	809,879	7,091	-5,512	62,324
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	6,437	--	2,289	108,159	-3,979	593	105,791	6,522	0	6,574
Hydrogen	--	--	--	--	--	459	--	459	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	28	--	--	28	0	--
Renewable Fuels (including Fuel Ethanol)	--	6,437	--	1,590	108,159	-3,767	593	105,332	6,494	0	6,574
Fuel Ethanol ⁶	--	6,437	--	1,581	105,867	-3,418	373	103,600	6,494	0	6,099
Renewable Fuels Except Fuel Ethanol	--	--	--	9	2,292	-349	220	1,732	--	0	475
Other Hydrocarbons	--	--	--	699	--	-699	--	--	--	0	--
Unfinished Oils	--	--	--	30,403	-331	--	323	35,261	--	-5,512	5,927
Motor Gasoline Blend. Comp. (MGBC)	--	-18	--	213,215	378,718	83,470	5,989	668,827	569	0	49,823
Reformulated	--	--	--	60,418	88,414	6,708	763	154,768	9	0	17,938
Conventional	--	-18	--	152,797	290,304	76,762	5,226	514,059	560	0	31,885
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	1,192,348	171,777	539,335	-80,052	-6,758	--	82,724	1,747,442	95,449
Finished Motor Gasoline	--	--	966,383	24,307	139,355	-80,052	-375	--	1,602	1,048,766	8,530
Reformulated	--	--	401,239	--	--	6,578	-143	--	89	407,872	156
Conventional	--	--	565,144	24,307	139,355	-86,631	-232	--	1,513	640,894	8,374
Finished Aviation Gasoline	--	--	-1	17	905	--	-21	--	--	942	147
Kerosene-Type Jet Fuel	--	--	26,568	12,423	148,298	--	740	--	2,335	184,214	10,018
Kerosene	--	--	1,430	568	109	--	91	--	186	1,830	1,889
Distillate Fuel Oil ⁷	--	--	123,383	53,307	236,861	0	-4,704	--	39,188	379,067	58,155
15 ppm sulfur and under ⁸	--	--	76,379	34,383	181,916	0	116	--	11,936	280,626	22,996
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	1,938	1,272	12,710	--	-953	--	18,899	-2,026	4,250
Greater than 500 ppm sulfur	--	--	45,066	17,652	42,235	--	-3,867	--	8,352	100,468	30,909
Residual Fuel Oil ⁹	--	--	20,948	72,115	2,182	--	-2,281	--	26,225	71,301	11,833
Less than 0.31 percent sulfur	--	--	3,704	17,842	--	--	-317	--	NA	NA	2,317
0.31 to 1.00 percent sulfur	--	--	6,557	5,122	440	--	-2,018	--	NA	NA	2,756
Greater than 1.00 percent sulfur	--	--	10,687	49,151	1,742	--	54	--	NA	NA	6,760
Petrochemical Feedstocks	--	--	2,274	648	669	--	74	--	--	3,517	293
Naphtha for Petro. Feed. Use	--	--	2,274	583	1,056	--	74	--	--	3,839	293
Other Oils for Petro. Feed. Use	--	--	--	65	-387	--	--	--	--	-322	--
Special Naphthas	--	--	264	246	--	--	0	--	448	62	40
Lubricants	--	--	4,885	1,355	6,418	--	162	--	2,017	10,479	1,066
Waxes	--	--	43	925	--	--	110	--	806	52	233
Petroleum Coke	--	--	12,155	1,678	--	--	-43	--	6,558	7,318	--
Marketable	--	--	3,261	1,678	--	--	-43	--	6,558	-1,576	--
Catalyst	--	--	8,894	--	--	--	--	--	--	8,894	--
Asphalt and Road Oil	--	--	19,647	4,179	4,538	--	-525	--	3,148	25,741	3,213
Still Gas	--	--	13,530	--	--	--	--	--	--	13,530	--
Miscellaneous Products	--	--	839	9	--	--	14	--	212	622	32
Total	18,531	6,316	1,207,562	790,813	1,059,619	6,699	4,382	1,187,495	95,568	1,802,095	177,091

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks.

Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 7. PAD District 1 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2011
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	23	--	--	1,030	21	47	10	1,102	10	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	38	0	25	43	112	--	-44	24	1	236
Pentanes Plus	6	0	--	--	--	--	0	--	0	6
Liquefied Petroleum Gases	32	--	25	43	112	--	-44	24	1	230
Ethane/Ethylene	1	--	0	--	--	--	--	--	--	1
Propane/Propylene	21	--	44	38	111	--	-14	--	1	228
Normal Butane/Butylene	5	--	-20	4	1	--	-28	12	0	6
Isobutane/Isobutylene	5	--	0	1	--	--	-2	12	--	-5
Other Liquids	--	18	--	728	1,575	205	150	2,347	29	1
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	18	--	11	324	-4	3	318	28	0
Hydrogen	--	--	--	--	--	1	--	1	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	18	--	9	324	-4	3	317	28	0
Fuel Ethanol ⁶	--	18	--	9	316	-4	3	309	28	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	8	0	0	7	--	0
Other Hydrocarbons	--	--	--	2	--	-2	--	--	--	0
Unfinished Oils	--	--	--	76	-4	--	-50	122	--	1
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	641	1,255	209	198	1,907	1	0
Reformulated	--	--	--	165	302	-34	81	352	0	0
Conventional	--	0	--	476	953	243	116	1,555	1	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,519	442	1,706	-206	-40	--	221	5,281
Finished Motor Gasoline	--	--	2,803	24	446	-206	8	--	1	3,058
Reformulated	--	--	1,174	--	--	67	2	--	0	1,240
Conventional	--	--	1,629	24	446	-273	6	--	1	1,818
Finished Aviation Gasoline	--	--	--	0	6	--	0	--	--	6
Kerosene-Type Jet Fuel	--	--	49	24	468	--	-46	--	3	584
Kerosene	--	--	6	3	--	--	7	--	3	-2
Distillate Fuel Oil ⁷	--	--	429	129	753	0	2	--	121	1,188
15 ppm sulfur and under ⁸	--	--	206	97	647	0	-14	--	58	906
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	6	1	36	--	14	--	26	2
Greater than 500 ppm sulfur	--	--	217	31	70	--	2	--	37	279
Residual Fuel Oil ⁹	--	--	63	236	1	--	-8	--	54	254
Less than 0.31 percent sulfur	--	--	26	81	--	--	28	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	5	22	--	--	-40	--	NA	NA
Greater than 1.00 percent sulfur	--	--	32	133	1	--	3	--	NA	NA
Petrochemical Feedstocks	--	--	7	2	2	--	3	--	--	7
Naphtha for Petro. Feed. Use	--	--	7	1	4	--	3	--	--	9
Other Oils for Petro. Feed. Use	--	--	--	0	-2	--	--	--	--	-1
Special Naphthas	--	--	1	0	--	--	0	--	0	1
Lubricants	--	--	14	3	21	--	2	--	5	31
Waxes	--	--	0	7	--	--	1	--	3	4
Petroleum Coke	--	--	42	7	--	--	--	--	22	28
Marketable	--	--	13	7	--	--	--	--	22	-1
Catalyst	--	--	29	--	--	--	--	--	--	29
Asphalt and Road Oil	--	--	58	6	11	--	-10	--	8	78
Still Gas	--	--	42	--	--	--	--	--	--	42
Miscellaneous Products	--	--	4	0	--	--	0	--	1	3
Total	61	18	3,544	2,244	3,415	47	77	3,473	261	5,518

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 8. PAD District 1 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2011
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	22	--	--	1,068	12	22	5	1,112	6	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	34	0	46	50	89	--	8	19	11	180
Pentanes Plus	6	0	--	--	0	--	0	--	6	-1
Liquefied Petroleum Gases	28	--	46	50	89	--	8	19	5	181
Ethane/Ethylene	1	--	0	--	--	--	0	--	--	1
Propane/Propylene	18	--	40	41	88	--	5	--	1	181
Normal Butane/Butylene	5	--	8	4	1	--	2	7	4	4
Isobutane/Isobutylene	4	--	-3	5	0	--	0	12	--	-5
Other Liquids	--	19	--	736	1,457	238	21	2,425	21	-17
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	19	--	7	324	-12	2	317	20	0
Hydrogen	--	--	--	--	--	1	--	1	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	19	--	5	324	-11	2	315	19	0
Fuel Ethanol ⁶	--	19	--	5	317	-10	1	310	19	0
Renewable Fuels Except Fuel Ethanol	--	--	--	0	7	-1	1	5	--	0
Other Hydrocarbons	--	--	--	2	--	-2	--	--	--	0
Unfinished Oils	--	--	--	91	-1	--	1	106	--	-17
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	638	1,134	250	18	2,002	2	0
Reformulated	--	--	--	181	265	20	2	463	0	0
Conventional	--	0	--	457	869	230	16	1,539	2	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	3,570	514	1,615	-240	-20	--	248	5,232
Finished Motor Gasoline	--	--	2,893	73	417	-240	-1	--	5	3,140
Reformulated	--	--	1,201	--	--	20	0	--	0	1,221
Conventional	--	--	1,692	73	417	-259	-1	--	5	1,919
Finished Aviation Gasoline	--	--	0	0	3	--	0	--	--	3
Kerosene-Type Jet Fuel	--	--	80	37	444	--	2	--	7	552
Kerosene	--	--	4	2	0	--	0	--	1	5
Distillate Fuel Oil ⁷	--	--	369	160	709	0	-14	--	117	1,135
15 ppm sulfur and under ⁸	--	--	229	103	545	0	0	--	36	840
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	6	4	38	--	-3	--	57	-6
Greater than 500 ppm sulfur	--	--	135	53	126	--	-12	--	25	301
Residual Fuel Oil ⁹	--	--	63	216	7	--	-7	--	79	213
Less than 0.31 percent sulfur	--	--	11	53	--	--	-1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	20	15	1	--	-6	--	NA	NA
Greater than 1.00 percent sulfur	--	--	32	147	5	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	7	2	2	--	0	--	--	11
Naphtha for Petro. Feed. Use	--	--	7	2	3	--	0	--	--	11
Other Oils for Petro. Feed. Use	--	--	--	0	-1	--	--	--	--	-1
Special Naphthas	--	--	1	1	--	--	0	--	1	0
Lubricants	--	--	15	4	19	--	0	--	6	31
Waxes	--	--	0	3	--	--	0	--	2	0
Petroleum Coke	--	--	36	5	--	--	0	--	20	22
Marketable	--	--	10	5	--	--	0	--	20	-5
Catalyst	--	--	27	--	--	--	--	--	--	27
Asphalt and Road Oil	--	--	59	13	14	--	-2	--	9	77
Still Gas	--	--	41	--	--	--	--	--	--	41
Miscellaneous Products	--	--	3	0	--	--	0	--	1	2
Total	55	19	3,615	2,368	3,173	20	13	3,555	286	5,395

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Distillate stocks located in the 'Northeast Heating Oil Reserve' are excluded. For details see Appendix D.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 9. PAD District 2 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2011
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil	28,049	--	--	48,352	21,903	5,792	-197	102,654	1,639	0	93,177
Natural Gas Plant Liquids and Liquefied Refinery Gases	13,656	-528	981	1,894	1,601	--	-3,247	3,748	2,336	14,767	54,802
Pentanes Plus	1,360	-528	--	53	3,313	--	420	1,045	2,156	577	8,177
Liquefied Petroleum Gases	12,296	--	981	1,841	-1,712	--	-3,667	2,703	181	14,189	46,625
Ethane/Ethylene	5,527	--	--	9	-3,812	--	-68	--	--	1,792	4,908
Propane/Propylene	4,393	--	3,292	1,512	1,130	--	-208	--	48	10,487	25,174
Normal Butane/Butylene	1,410	--	-2,319	197	459	--	-3,422	1,376	133	1,660	14,688
Isobutane/Isobutylene	966	--	8	123	511	--	31	1,327	--	250	1,855
Other Liquids	--	26,000	--	197	-11,557	-3,900	-1,736	11,960	595	-79	46,783
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	26,001	--	124	-18,669	423	-218	7,505	592	0	6,829
Hydrogen	--	--	--	--	--	609	--	609	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	26,001	--	68	-18,669	-165	-225	6,868	592	0	6,786
Fuel Ethanol ⁶	--	26,001	--	--	-18,926	-79	-242	6,646	592	0	6,491
Renewable Fuels Except Fuel Ethanol	--	--	--	68	257	-86	17	222	--	0	295
Other Hydrocarbons	--	--	--	56	--	-21	7	28	--	0	43
Unfinished Oils	--	--	--	22	6	--	-1,074	1,184	--	-82	13,813
Motor Gasoline Blend.Comp. (MGBC)	--	-1	--	51	7,106	-4,323	-441	3,271	3	0	26,141
Reformulated	--	--	--	--	483	-42	-148	589	--	0	5,615
Conventional	--	-1	--	51	6,623	-4,281	-293	2,682	3	0	20,526
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-3	--	--	3	--
Finished Petroleum Products	--	7	124,020	648	8,521	4,403	4,659	--	1,345	131,595	72,355
Finished Motor Gasoline	--	7	69,259	10	2,912	4,403	2,015	--	--	74,576	23,078
Reformulated	--	--	11,044	--	--	42	--	--	--	11,086	--
Conventional	--	7	58,215	10	2,912	4,361	2,015	--	--	63,490	23,078
Finished Aviation Gasoline	--	--	53	3	13	--	11	--	--	58	187
Kerosene-Type Jet Fuel	--	--	6,404	--	1,154	--	-542	--	111	7,989	8,713
Kerosene	--	--	192	1	--	--	129	--	12	52	300
Distillate Fuel Oil	--	--	31,978	58	5,152	0	2,033	--	317	34,838	28,237
15 ppm sulfur and under ⁷	--	--	32,025	55	6,287	0	2,721	--	--	35,646	26,547
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	566	3	-1,135	--	-172	--	220	-614	920
Greater than 500 ppm sulfur	--	--	-613	--	--	--	-516	--	97	-194	770
Residual Fuel Oil ⁸	--	--	1,645	48	-695	--	258	--	100	640	1,560
Less than 0.31 percent sulfur	--	--	--	5	--	--	-5	--	NA	NA	128
0.31 to 1.00 percent sulfur	--	--	186	31	--	--	-5	--	NA	NA	190
Greater than 1.00 percent sulfur	--	--	1,459	12	-695	--	268	--	NA	NA	1,242
Petrochemical Feedstocks	--	--	1,073	101	-75	--	139	--	--	960	672
Naphtha for Petro. Feed. Use	--	--	833	66	-83	--	140	--	--	676	582
Other Oils for Petro. Feed. Use	--	--	240	35	8	--	-1	--	--	284	90
Special Naphthas	--	--	23	40	79	--	9	--	0	133	113
Lubricants	--	--	154	189	446	--	-31	--	228	592	819
Waxes	--	--	27	1	--	--	-9	--	31	6	33
Petroleum Coke	--	--	4,480	48	--	--	153	--	345	4,030	707
Marketable	--	--	3,033	48	--	--	153	--	345	2,583	707
Catalyst	--	--	1,447	--	--	--	--	--	--	1,447	--
Asphalt and Road Oil	--	--	4,264	146	-465	--	488	--	200	3,257	7,834
Still Gas	--	--	4,075	--	--	--	--	--	--	4,075	--
Miscellaneous Products	--	--	393	3	--	--	6	--	1	389	102
Total	41,705	25,479	125,001	51,091	20,468	6,294	-521	118,362	5,915	146,283	267,117

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 10. PAD District 2 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2011
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil	269,973	--	--	486,589	284,655	86,959	-5,310	1,121,456	12,030	0	93,177
Natural Gas Plant Liquids and Liquefied Refinery Gases	137,254	-5,709	39,799	20,928	10,335	--	14,945	33,081	13,428	141,153	54,802
Pentanes Plus	14,269	-5,709	--	351	28,156	--	4,646	11,697	10,101	10,623	8,177
Liquefied Petroleum Gases	122,985	--	39,799	20,577	-17,821	--	10,299	21,384	3,327	130,530	46,625
Ethane/Ethylene	55,117	--	--	109	-33,917	--	1,162	--	--	20,147	4,908
Propane/Propylene	43,893	--	34,791	16,621	5,613	--	4,654	--	479	95,785	25,174
Normal Butane/Butylene	14,404	--	5,228	2,483	4,987	--	4,623	6,865	2,848	12,766	14,688
Isobutane/Isobutylene	9,571	--	-220	1,364	5,496	--	-140	14,519	--	1,832	1,855
Other Liquids	--	278,669	--	1,973	-107,917	-18,674	899	146,020	6,713	419	46,783
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	278,682	--	1,010	-197,204	4,483	-215	81,916	5,270	0	6,829
Hydrogen	--	--	--	--	--	6,705	--	6,705	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	10	--	--	10	0	--
Renewable Fuels (including Fuel Ethanol)	--	278,682	--	217	-197,204	-1,891	-238	74,782	5,260	0	6,786
Fuel Ethanol ⁶	--	278,682	--	--	-198,649	-2,393	-462	72,842	5,260	0	6,491
Renewable Fuels Except Fuel Ethanol	--	--	--	217	1,445	502	224	1,940	--	0	295
Other Hydrocarbons	--	--	--	793	--	-341	23	429	--	0	43
Unfinished Oils	--	--	--	242	2,831	--	1,157	1,496	--	420	13,813
Motor Gasoline Blend. Comp. (MGBC)	--	-13	--	721	86,456	-23,157	-43	62,607	1,443	0	26,141
Reformulated	--	--	--	12	19,409	-5,220	-1,036	15,235	--	0	5,615
Conventional	--	-13	--	709	67,047	-17,937	993	47,372	1,441	0	20,526
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	1	--	-1	--
Finished Petroleum Products	--	197	1,327,030	9,664	114,369	25,550	-5,110	--	15,100	1,466,820	72,355
Finished Motor Gasoline	--	197	741,628	275	56,641	25,550	124	--	1,329	822,839	23,078
Reformulated	--	--	118,719	--	--	5,186	--	--	1	123,904	--
Conventional	--	197	622,909	275	56,641	20,364	124	--	1,328	698,934	23,078
Finished Aviation Gasoline	--	--	811	35	552	--	-22	--	--	1,420	187
Kerosene-Type Jet Fuel	--	--	76,098	--	12,093	--	391	--	1,606	86,194	8,713
Kerosene	--	--	351	2	33	--	19	--	111	256	300
Distillate Fuel Oil	--	--	325,618	779	53,161	0	-3,843	--	1,581	381,820	28,237
15 ppm sulfur and under ⁷	--	--	314,404	639	62,457	0	-3,550	--	1	381,049	26,547
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	6,939	125	-9,376	--	-323	--	862	-2,851	920
Greater than 500 ppm sulfur	--	--	4,275	15	80	--	30	--	718	3,622	770
Residual Fuel Oil ⁸	--	--	15,429	2,020	-6,658	--	83	--	1,611	9,097	1,560
Less than 0.31 percent sulfur	--	--	2	32	--	--	39	--	NA	NA	128
0.31 to 1.00 percent sulfur	--	--	2,150	1,456	--	--	-112	--	NA	NA	190
Greater than 1.00 percent sulfur	--	--	13,277	532	-6,658	--	156	--	NA	NA	1,242
Petrochemical Feedstocks	--	--	11,256	1,279	-41	--	185	--	--	12,309	672
Naphtha for Petro. Feed. Use	--	--	8,494	710	-292	--	181	--	--	8,731	582
Other Oils for Petro. Feed. Use	--	--	2,762	569	251	--	4	--	--	3,578	90
Special Naphthas	--	--	-45	479	417	--	-50	--	4	897	113
Lubricants	--	--	2,473	2,284	5,913	--	132	--	2,129	8,409	819
Waxes	--	--	438	14	--	--	-7	--	338	121	33
Petroleum Coke	--	--	49,192	708	--	--	6	--	3,917	45,977	707
Marketable	--	--	33,798	708	--	--	6	--	3,917	30,583	707
Catalyst	--	--	15,394	--	--	--	--	--	--	15,394	--
Asphalt and Road Oil	--	--	57,000	1,720	-7,747	--	-2,089	--	2,463	50,599	7,834
Still Gas	--	--	42,480	--	--	--	--	--	--	42,480	--
Miscellaneous Products	--	--	4,301	69	5	--	-39	--	10	4,404	102
Total	407,227	273,157	1,366,829	519,154	301,442	93,836	5,424	1,300,557	47,272	1,608,392	267,117

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 11. PAD District 2 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2011
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	935	--	--	1,612	730	193	-7	3,422	55	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	455	-18	33	63	53	--	-108	125	78	492
Pentanes Plus	45	-18	--	2	110	--	14	35	72	19
Liquefied Petroleum Gases	410	--	33	61	-57	--	-122	90	6	473
Ethane/Ethylene	184	--	--	0	-127	--	-2	--	--	60
Propane/Propylene	146	--	110	50	38	--	-7	--	2	350
Normal Butane/Butylene	47	--	-77	7	15	--	-114	46	4	55
Isobutane/Isobutylene	32	--	0	4	17	--	1	44	--	8
Other Liquids	--	867	--	7	-385	-130	-58	399	20	-3
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	867	--	4	-622	14	-7	250	20	0
Hydrogen	--	--	--	--	--	20	--	20	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	867	--	2	-622	-6	-8	229	20	0
Fuel Ethanol ⁶	--	867	--	--	-631	-3	-8	222	20	0
Renewable Fuels Except Fuel Ethanol	--	--	--	2	9	-3	1	7	--	0
Other Hydrocarbons	--	--	--	2	--	-1	0	1	--	0
Unfinished Oils	--	--	--	1	0	--	-36	39	--	-3
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	2	237	-144	-15	109	0	0
Reformulated	--	--	--	--	16	-1	-5	20	--	0
Conventional	--	0	--	2	221	-143	-10	89	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	--	--	0
Finished Petroleum Products	--	0	4,134	22	284	147	155	--	45	4,386
Finished Motor Gasoline	--	0	2,309	0	97	147	67	--	--	2,486
Reformulated	--	--	368	--	--	1	--	--	--	370
Conventional	--	0	1,941	0	97	145	67	--	--	2,116
Finished Aviation Gasoline	--	--	2	0	0	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	213	--	38	--	-18	--	4	266
Kerosene	--	--	6	0	--	--	4	--	0	2
Distillate Fuel Oil	--	--	1,066	2	172	0	68	--	11	1,161
15 ppm sulfur and under ⁷	--	--	1,068	2	210	0	91	--	--	1,188
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	19	0	-38	--	-6	--	7	-20
Greater than 500 ppm sulfur	--	--	-20	--	--	--	-17	--	3	-6
Residual Fuel Oil ⁸	--	--	55	2	-23	--	9	--	3	21
Less than 0.31 percent sulfur	--	--	--	0	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	6	1	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	49	0	-23	--	9	--	NA	NA
Petrochemical Feedstocks	--	--	36	3	-3	--	5	--	--	32
Naphtha for Petro. Feed. Use	--	--	28	2	-3	--	5	--	--	23
Other Oils for Petro. Feed. Use	--	--	8	1	0	--	0	--	--	9
Special Naphthas	--	--	1	1	3	--	0	--	0	4
Lubricants	--	--	5	6	15	--	-1	--	8	20
Waxes	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	149	2	--	--	5	--	11	134
Marketable	--	--	101	2	--	--	5	--	11	86
Catalyst	--	--	48	--	--	--	--	--	--	48
Asphalt and Road Oil	--	--	142	5	-16	--	16	--	7	109
Still Gas	--	--	136	--	--	--	--	--	--	136
Miscellaneous Products	--	--	13	0	--	--	0	--	0	13
Total	1,390	849	4,167	1,703	682	210	-17	3,945	197	4,876

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 12. PAD District 2 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2011
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	808	--	--	1,457	852	260	-16	3,358	36	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	411	-17	119	63	31	--	45	99	40	423
Pentanes Plus	43	-17	--	1	84	--	14	35	30	32
Liquefied Petroleum Gases	368	--	119	62	-53	--	31	64	10	391
Ethane/Ethylene	165	--	--	0	-102	--	3	--	--	60
Propane/Propylene	131	--	104	50	17	--	14	--	1	287
Normal Butane/Butylene	43	--	16	7	15	--	14	21	9	38
Isobutane/Isobutylene	29	--	-1	4	16	--	0	43	--	5
Other Liquids	--	834	--	6	-323	-56	3	437	20	1
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	834	--	3	-590	13	-1	245	16	0
Hydrogen	--	--	--	--	--	20	--	20	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	834	--	1	-590	-6	-1	224	16	0
Fuel Ethanol ⁶	--	834	--	--	-595	-7	-1	218	16	0
Renewable Fuels Except Fuel Ethanol	--	--	--	1	4	2	1	6	--	0
Other Hydrocarbons	--	--	--	2	--	-1	0	1	--	0
Unfinished Oils	--	--	--	1	8	--	3	4	--	1
Motor Gasoline Blend.Comp. (MGBC)	--	0	--	2	259	-69	0	187	4	0
Reformulated	--	--	--	0	58	-16	-3	46	--	0
Conventional	--	0	--	2	201	-54	3	142	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	1	3,973	29	342	76	-15	--	45	4,392
Finished Motor Gasoline	--	1	2,220	1	170	76	0	--	4	2,464
Reformulated	--	--	355	--	--	16	--	--	0	371
Conventional	--	1	1,865	1	170	61	0	--	4	2,093
Finished Aviation Gasoline	--	--	2	0	2	--	0	--	--	4
Kerosene-Type Jet Fuel	--	--	228	--	36	--	1	--	5	258
Kerosene	--	--	1	0	0	--	0	--	0	1
Distillate Fuel Oil	--	--	975	2	159	0	-12	--	5	1,143
15 ppm sulfur and under ⁷	--	--	941	2	187	0	-11	--	0	1,141
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	21	0	-28	--	-1	--	3	-9
Greater than 500 ppm sulfur	--	--	13	0	0	--	0	--	2	11
Residual Fuel Oil ⁸	--	--	46	6	-20	--	0	--	5	27
Less than 0.31 percent sulfur	--	--	0	0	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	6	4	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	40	2	-20	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	34	4	0	--	1	--	--	37
Naphtha for Petro. Feed. Use	--	--	25	2	-1	--	1	--	--	26
Other Oils for Petro. Feed. Use	--	--	8	2	1	--	0	--	--	11
Special Naphthas	--	--	0	1	1	--	0	--	0	3
Lubricants	--	--	7	7	18	--	0	--	6	25
Waxes	--	--	1	0	--	--	0	--	1	0
Petroleum Coke	--	--	147	2	--	--	0	--	12	138
Marketable	--	--	101	2	--	--	0	--	12	92
Catalyst	--	--	46	--	--	--	--	--	--	46
Asphalt and Road Oil	--	--	171	5	-23	--	-6	--	7	151
Still Gas	--	--	127	--	--	--	--	--	--	127
Miscellaneous Products	--	--	13	0	0	--	0	--	0	13
Total	1,219	818	4,092	1,554	903	281	16	3,894	142	4,816

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 13. PAD District 3 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2011
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	99,834	--	--	144,215	-18,949	33	-4,381	229,514	--	0	858,745
Natural Gas Plant Liquids and Liquefied Refinery Gases	41,343	-18	9,332	1,395	5,421	--	-1,283	10,256	3,288	45,212	70,696
Pentanes Plus	4,994	-18	--	1,300	-2,158	--	-270	3,106	60	1,222	7,946
Liquefied Petroleum Gases	36,349	--	9,332	95	7,579	--	-1,013	7,150	3,228	43,990	62,750
Ethane/Ethylene	18,068	--	611	--	9,514	--	978	--	--	27,215	17,305
Propane/Propylene	11,663	--	10,710	41	-2,293	--	132	--	3,167	16,822	25,477
Normal Butane/Butylene	1,822	--	-1,855	54	256	--	-2,443	3,739	61	-1,080	16,214
Isobutane/Isobutylene	4,796	--	-134	--	102	--	320	3,411	--	1,033	3,754
Other Liquids	--	2,781	--	16,114	-43,810	-127	2,549	-31,776	4,609	-424	108,121
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	2,781	--	3	4,909	3,985	636	7,426	3,616	0	4,626
Hydrogen	--	--	--	--	--	3,569	--	3,569	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	1,986	--	--	--	-73	333	129	1,451	0	913
Renewable Fuels (including Fuel Ethanol)	--	795	--	--	4,909	492	303	3,728	2,165	0	3,713
Fuel Ethanol ⁷	--	795	--	--	5,395	-44	320	3,661	2,165	0	3,157
Renewable Fuels Except Fuel Ethanol	--	--	--	--	-486	536	-17	67	--	0	556
Other Hydrocarbons	--	--	--	3	--	-3	--	--	--	0	--
Unfinished Oils	--	--	--	14,377	112	--	-1,336	16,249	--	-424	44,757
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	1,734	-48,831	-4,112	3,252	-55,454	993	0	58,730
Reformulated	--	--	--	--	-11,997	4,446	370	-7,961	--	0	11,853
Conventional	--	--	--	1,734	-36,834	-8,558	2,882	-47,493	953	0	46,877
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-3	3	--	0	8
Finished Petroleum Products	--	--	217,005	7,303	-62,359	4,155	-101	--	64,529	101,676	113,897
Finished Motor Gasoline	--	--	65,180	1,084	-16,678	4,155	-647	--	17,482	36,907	17,853
Reformulated	--	--	11,483	--	--	-4,221	--	--	108	7,155	--
Conventional	--	--	53,697	1,084	-16,678	8,376	-647	--	17,374	29,752	17,853
Finished Aviation Gasoline	--	--	326	--	-184	--	46	--	--	96	541
Kerosene-Type Jet Fuel	--	--	21,020	50	-16,157	--	-902	--	2,412	3,403	13,445
Kerosene	--	--	258	--	--	--	-87	--	4	341	263
Distillate Fuel Oil	--	--	79,521	--	-29,103	0	-2,569	--	22,412	30,575	41,200
15 ppm sulfur and under ⁸	--	--	68,055	--	-27,066	0	-2,913	--	16,304	27,598	33,320
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	3,312	--	53	--	-35	--	2,854	546	2,895
Greater than 500 ppm sulfur	--	--	8,154	--	-2,090	--	379	--	3,254	2,431	4,985
Residual Fuel Oil ⁹	--	--	7,928	1,404	673	--	2,592	--	8,897	-1,484	21,028
Less than 0.31 percent sulfur	--	--	211	175	--	--	23	--	NA	NA	1,468
0.31 to 1.00 percent sulfur	--	--	326	186	--	--	264	--	NA	NA	2,447
Greater than 1.00 percent sulfur	--	--	7,391	1,043	673	--	2,305	--	NA	NA	17,113
Petrochemical Feedstocks	--	--	7,578	3,520	15	--	-233	--	--	11,346	2,201
Naphtha for Petro. Feed. Use	--	--	5,335	1,318	-23	--	-137	--	--	6,767	1,312
Other Oils for Petro. Feed. Use	--	--	2,243	2,202	38	--	-96	--	--	4,579	889
Special Naphthas	--	--	1,221	155	-79	--	129	--	1,444	-276	1,027
Lubricants	--	--	3,839	709	-970	--	537	--	1,026	2,015	6,939
Waxes	--	--	185	2	--	--	-19	--	46	160	318
Petroleum Coke	--	--	15,182	379	--	--	698	--	10,669	4,194	5,177
Marketable	--	--	11,619	379	--	--	698	--	10,669	631	5,177
Catalyst	--	--	3,563	--	--	--	--	--	--	3,563	--
Asphalt and Road Oil	--	--	2,160	--	124	--	288	--	119	1,877	3,491
Still Gas	--	--	11,146	--	--	--	--	--	--	11,146	--
Miscellaneous Products	--	--	1,461	--	--	--	66	--	18	1,377	414
Total	141,177	2,763	226,337	169,027	-119,697	4,061	-3,216	207,994	72,426	146,465	1,151,459

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 14. PAD District 3 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2011
(Thousand Barrels)

Commodity	Supply						Disposition				
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	Ending Stocks
Crude Oil⁶	1,099,587	--	--	1,658,039	-245,439	-41,379	-27,005	2,496,576	1,237	0	858,745
Natural Gas Plant Liquids and Liquefied Refinery Gases	431,110	-164	137,059	15,279	70,387	--	1,166	96,922	39,062	516,521	70,696
Pentanes Plus	54,800	-164	--	13,465	-15,794	--	-826	38,658	138	14,337	7,946
Liquefied Petroleum Gases	376,310	--	137,059	1,814	86,181	--	1,992	58,264	38,925	502,183	62,750
Ethane/Ethylene	186,012	--	6,472	--	93,329	--	-3,272	--	--	289,085	17,305
Propane/Propylene	121,145	--	116,343	599	-11,077	--	2,346	--	36,839	187,825	25,477
Normal Butane/Butylene	20,299	--	12,789	1,190	2,821	--	3,300	22,597	2,086	9,116	16,214
Isobutane/Isobutylene	48,854	--	1,455	25	1,108	--	-382	35,667	--	16,157	3,754
Other Liquids	--	28,157	--	174,734	-467,632	-31,337	10,152	-355,110	43,941	4,940	108,121
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	28,157	--	172	41,339	38,400	917	76,491	30,660	0	4,626
Hydrogen	--	--	--	--	--	36,207	--	36,207	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	20,753	--	5	--	-793	182	1,069	18,714	0	913
Renewable Fuels (including Fuel Ethanol)	--	7,404	--	--	41,339	3,152	735	39,215	11,946	0	3,713
Fuel Ethanol ⁷	--	7,404	--	--	45,076	-1,268	396	38,871	11,946	0	3,157
Renewable Fuels Except Fuel Ethanol	--	--	--	--	-3,737	4,420	339	344	--	0	556
Other Hydrocarbons	--	--	--	167	--	-167	--	--	--	0	--
Unfinished Oils	--	--	--	154,974	-2,554	--	6,132	141,347	--	4,941	44,757
Motor Gasoline Blend. Comp. (MGBC)	--	--	--	19,588	-506,417	-69,736	3,104	-572,950	13,281	0	58,730
Reformulated	--	--	--	--	-131,003	22,003	-3,806	-105,558	--	0	11,853
Conventional	--	--	--	19,588	-375,414	-91,740	6,910	-467,392	12,916	0	46,877
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	-1	2	--	-1	8
Finished Petroleum Products	--	--	2,307,088	98,163	-683,347	71,004	-14,507	--	618,423	1,188,992	113,897
Finished Motor Gasoline	--	--	695,703	10,810	-202,279	71,004	-4,872	--	138,191	441,919	17,853
Reformulated	--	--	130,539	--	--	-18,570	-156	--	697	111,427	--
Conventional	--	--	565,164	10,810	-202,279	89,574	-4,716	--	137,494	330,491	17,853
Finished Aviation Gasoline	--	--	3,541	--	-1,457	--	71	--	--	2,013	541
Kerosene-Type Jet Fuel	--	--	238,030	1,027	-171,653	--	-1,342	--	19,390	49,356	13,445
Kerosene	--	--	3,111	--	21	--	110	--	1,124	1,898	263
Distillate Fuel Oil	--	--	798,909	1,665	-303,157	0	-9,932	--	211,016	296,333	41,200
15 ppm sulfur and under ⁸	--	--	682,700	594	-257,508	0	-6,275	--	156,495	275,566	33,320
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	39,795	307	-3,334	--	-1,384	--	32,442	5,710	2,895
Greater than 500 ppm sulfur	--	--	76,414	764	-42,315	--	-2,273	--	22,079	15,057	4,985
Residual Fuel Oil ⁹	--	--	98,324	29,989	4,329	--	-50	--	105,825	26,867	21,028
Less than 0.31 percent sulfur	--	--	5,916	925	--	--	-37	--	NA	NA	1,468
0.31 to 1.00 percent sulfur	--	--	7,693	4,985	-440	--	-66	--	NA	NA	2,447
Greater than 1.00 percent sulfur	--	--	84,715	24,079	4,769	--	53	--	NA	NA	17,113
Petrochemical Feedstocks	--	--	87,981	43,722	-628	--	389	--	--	130,686	2,201
Naphtha for Petro. Feed. Use	--	--	57,010	15,935	-764	--	301	--	--	71,880	1,312
Other Oils for Petro. Feed. Use	--	--	30,971	27,787	136	--	88	--	--	58,806	889
Special Naphthas	--	--	12,086	3,314	-417	--	228	--	11,303	3,452	1,027
Lubricants	--	--	43,790	5,146	-11,313	--	1,649	--	15,876	20,098	6,939
Waxes	--	--	2,310	315	--	--	28	--	603	1,994	318
Petroleum Coke	--	--	160,279	2,144	--	--	-1,071	--	111,637	51,857	5,177
Marketable	--	--	121,669	2,144	--	--	-1,071	--	111,637	13,247	5,177
Catalyst	--	--	38,610	--	--	--	--	--	--	38,610	--
Asphalt and Road Oil	--	--	27,070	--	3,209	--	230	--	3,166	26,883	3,491
Still Gas	--	--	120,502	--	--	--	--	--	--	120,502	--
Miscellaneous Products	--	--	15,452	31	-2	--	55	--	293	15,133	414
Total	1,530,697	27,993	2,444,147	1,946,215	-1,326,031	-1,712	-30,194	2,238,388	702,663	1,710,453	1,151,459

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 15. PAD District 3 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2011
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	3,328	--	--	4,807	-632	1	-146	7,650	-	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	1,378	-1	311	47	181	--	-43	342	110	1,507
Pentanes Plus	166	-1	--	43	-72	--	-9	104	2	41
Liquefied Petroleum Gases	1,212	--	311	3	253	--	-34	238	108	1,466
Ethane/Ethylene	602	--	20	--	317	--	33	--	--	907
Propane/Propylene	389	--	357	1	-76	--	4	--	106	561
Normal Butane/Butylene	61	--	-62	2	9	--	-81	125	2	-36
Isobutane/Isobutylene	160	--	-4	--	3	--	11	114	--	34
Other Liquids	--	93	--	537	-1,460	-4	85	-1,059	154	-14
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	93	--	0	164	133	21	248	121	0
Hydrogen	--	--	--	--	--	119	--	119	--	0
Oxygenates (excluding Fuel Ethanol)	--	66	--	--	--	-2	11	4	48	0
Renewable Fuels (including Fuel Ethanol)	--	27	--	--	164	16	10	124	72	0
Fuel Ethanol ⁷	--	27	--	--	180	-1	11	122	72	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	-16	18	-1	2	--	0
Other Hydrocarbons	--	--	--	0	--	0	--	--	--	0
Unfinished Oils	--	--	--	479	4	--	-45	542	--	-14
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	58	-1,628	-137	108	-1,848	33	0
Reformulated	--	--	--	--	-400	148	12	-265	--	0
Conventional	--	--	--	58	-1,228	-285	96	-1,583	32	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	7,234	243	-2,079	139	-3	--	2,151	3,389
Finished Motor Gasoline	--	--	2,173	36	-556	139	-22	--	583	1,230
Reformulated	--	--	383	--	--	-141	--	--	4	238
Conventional	--	--	1,790	36	-556	279	-22	--	579	992
Finished Aviation Gasoline	--	--	11	--	-6	--	2	--	--	3
Kerosene-Type Jet Fuel	--	--	701	2	-539	--	-30	--	80	113
Kerosene	--	--	9	--	--	--	-3	--	0	11
Distillate Fuel Oil	--	--	2,651	--	-970	0	-86	--	747	1,019
15 ppm sulfur and under ⁸	--	--	2,269	--	-902	0	-97	--	543	920
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	110	--	2	--	-1	--	95	18
Greater than 500 ppm sulfur	--	--	272	--	-70	--	13	--	108	81
Residual Fuel Oil ⁹	--	--	264	47	22	--	86	--	297	-49
Less than 0.31 percent sulfur	--	--	7	6	--	--	1	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	11	6	--	--	9	--	NA	NA
Greater than 1.00 percent sulfur	--	--	246	35	22	--	77	--	NA	NA
Petrochemical Feedstocks	--	--	253	117	1	--	-8	--	--	378
Naphtha for Petro. Feed. Use	--	--	178	44	-1	--	-5	--	--	226
Other Oils for Petro. Feed. Use	--	--	75	73	1	--	-3	--	--	153
Special Naphthas	--	--	41	5	-3	--	4	--	48	-9
Lubricants	--	--	128	24	-32	--	18	--	34	67
Waxes	--	--	6	0	--	--	-1	--	2	5
Petroleum Coke	--	--	506	13	--	--	23	--	356	140
Marketable	--	--	387	13	--	--	23	--	356	21
Catalyst	--	--	119	--	--	--	--	--	--	119
Asphalt and Road Oil	--	--	72	--	4	--	10	--	4	63
Still Gas	--	--	372	--	--	--	--	--	--	372
Miscellaneous Products	--	--	49	--	--	--	2	--	1	46
Total	4,706	92	7,545	5,634	-3,990	135	-107	6,933	2,414	4,882

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 16. PAD District 3 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2011
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil⁶	3,292	--	--	4,964	-735	-124	-81	7,475	4	0
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,291	0	410	46	211	--	3	290	117	1,546
Pentanes Plus	164	0	--	40	-47	--	-2	116	0	43
Liquefied Petroleum Gases	1,127	--	410	5	258	--	6	174	117	1,504
Ethane/Ethylene	557	--	19	--	279	--	-10	--	--	866
Propane/Propylene	363	--	348	2	-33	--	7	--	110	562
Normal Butane/Butylene	61	--	38	4	8	--	10	68	6	27
Isobutane/Isobutylene	146	--	4	0	3	--	-1	107	--	48
Other Liquids	--	84	--	523	-1,400	-94	30	-1,063	132	15
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	84	--	1	124	115	3	229	92	0
Hydrogen	--	--	--	--	--	108	--	108	--	0
Oxygenates (excluding Fuel Ethanol)	--	62	--	0	--	-2	1	3	56	0
Renewable Fuels (including Fuel Ethanol)	--	22	--	--	124	9	2	117	36	0
Fuel Ethanol ⁷	--	22	--	--	135	-4	1	116	36	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	-11	13	1	1	--	0
Other Hydrocarbons	--	--	--	1	--	-1	--	--	--	0
Unfinished Oils	--	--	--	464	-8	--	18	423	--	15
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	59	-1,516	-209	9	-1,715	40	0
Reformulated	--	--	--	--	-392	66	-11	-316	--	0
Conventional	--	--	--	59	-1,124	-275	21	-1,399	39	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	0	0	--	0
Finished Petroleum Products	--	--	6,907	294	-2,046	213	-43	--	1,852	3,560
Finished Motor Gasoline	--	--	2,083	32	-606	213	-15	--	414	1,323
Reformulated	--	--	391	--	--	-56	0	--	2	334
Conventional	--	--	1,692	32	-606	268	-14	--	412	989
Finished Aviation Gasoline	--	--	11	--	-4	--	0	--	--	6
Kerosene-Type Jet Fuel	--	--	713	3	-514	--	-4	--	58	148
Kerosene	--	--	9	--	0	--	0	--	3	6
Distillate Fuel Oil	--	--	2,392	5	-908	0	-30	--	632	887
15 ppm sulfur and under ⁸	--	--	2,044	2	-771	0	-19	--	469	825
Greater than 15 ppm to 500 ppm sulfur ⁸	--	--	119	1	-10	--	-4	--	97	17
Greater than 500 ppm sulfur	--	--	229	2	-127	--	-7	--	66	45
Residual Fuel Oil ⁹	--	--	294	90	13	--	0	--	317	80
Less than 0.31 percent sulfur	--	--	18	3	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	23	15	-1	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	254	72	14	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	263	131	-2	--	1	--	--	391
Naphtha for Petro. Feed. Use	--	--	171	48	-2	--	1	--	--	215
Other Oils for Petro. Feed. Use	--	--	93	83	0	--	0	--	--	176
Special Naphthas	--	--	36	10	-1	--	1	--	34	10
Lubricants	--	--	131	15	-34	--	5	--	48	60
Waxes	--	--	7	1	--	--	0	--	2	6
Petroleum Coke	--	--	480	6	--	--	-3	--	334	155
Marketable	--	--	364	6	--	--	-3	--	334	40
Catalyst	--	--	116	--	--	--	--	--	--	116
Asphalt and Road Oil	--	--	81	--	10	--	1	--	9	80
Still Gas	--	--	361	--	--	--	--	--	--	361
Miscellaneous Products	--	--	46	0	0	--	0	--	1	45
Total	4,583	84	7,318	5,827	-3,970	-5	-90	6,702	2,104	5,121

-- = Not Applicable.

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NA = Not Available.

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⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Includes value for the Strategic Petroleum Reserve. See Table 25 for the breakout of Commercial Crude Oil.

⁷ Exports include industrial alcohol.

⁸ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁹ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 17. PAD District 4 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2011
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	11,582	--	--	8,491	-3,593	-224	-754	17,008	2	0	15,837
Natural Gas Plant Liquids and Liquefied Refinery Gases	12,029	-11	26	425	-10,396	--	-106	635	350	1,194	1,387
Pentanes Plus	1,738	-11	--	--	-1,155	--	8	143	273	148	195
Liquefied Petroleum Gases	10,291	--	26	425	-9,241	--	-114	492	77	1,046	1,192
Ethane/Ethylene	5,920	--	--	--	-5,702	--	1	--	--	217	408
Propane/Propylene	2,819	--	299	407	-2,181	--	-31	--	9	1,366	338
Normal Butane/Butylene	1,177	--	-254	--	-745	--	-78	278	68	-90	285
Isobutane/Isobutylene	375	--	-19	18	-613	--	-6	214	--	-447	161
Other Liquids	--	447	--	--	604	-503	-97	528	1	116	5,582
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	447	--	--	252	205	52	851	1	0	294
Hydrogen	--	--	--	--	--	207	--	207	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	--	0	--
Renewable Fuels (including Fuel Ethanol)	--	447	--	--	252	-2	52	644	1	0	294
Fuel Ethanol ⁶	--	447	--	--	252	-8	52	638	1	0	293
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	6	0	6	--	0	1
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	--	--	--	-245	129	--	116	2,820
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	352	-708	96	-452	0	0	2,468
Reformulated	--	--	--	--	--	0	--	--	--	--	--
Conventional	--	--	--	--	352	-708	96	-452	0	0	2,468
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	18,973	43	393	716	1,741	--	53	18,331	11,267
Finished Motor Gasoline	--	--	9,436	--	-645	716	814	--	--	8,693	5,004
Reformulated	--	--	--	--	--	0	--	--	--	0	--
Conventional	--	--	9,436	--	-645	716	814	--	--	8,693	5,004
Finished Aviation Gasoline	--	--	8	--	--	--	-1	--	--	9	17
Kerosene-Type Jet Fuel	--	--	807	--	719	--	112	--	--	1,414	681
Kerosene	--	--	-1	--	--	--	-1	--	--	0	1
Distillate Fuel Oil	--	--	5,873	--	319	0	823	--	27	5,342	3,637
15 ppm sulfur and under ⁷	--	--	5,489	--	319	0	774	--	--	5,034	3,254
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	446	--	--	--	91	--	27	328	276
Greater than 500 ppm sulfur	--	--	-62	--	--	--	-42	--	--	-20	107
Residual Fuel Oil ⁸	--	--	338	--	--	--	9	--	5	324	204
Less than 0.31 percent sulfur	--	--	158	--	--	--	-1	--	NA	NA	11
0.31 to 1.00 percent sulfur	--	--	36	--	--	--	-9	--	NA	NA	13
Greater than 1.00 percent sulfur	--	--	144	--	--	--	19	--	NA	NA	180
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	8	-8	--
Waxes	--	--	--	--	--	--	--	--	0	0	--
Petroleum Coke	--	--	831	--	--	--	-36	--	--	867	475
Marketable	--	--	579	--	--	--	-36	--	--	615	475
Catalyst	--	--	252	--	--	--	--	--	--	252	--
Asphalt and Road Oil	--	--	772	42	--	--	23	--	13	778	1,232
Still Gas	--	--	781	--	--	--	--	--	--	781	--
Miscellaneous Products	--	--	128	1	--	--	-2	--	--	131	16
Total	23,611	436	18,999	8,959	-12,992	-11	784	18,171	406	19,641	34,073

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 18. PAD District 4 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2011
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	125,910	--	--	99,169	-43,224	-352	-20	181,333	190	0	15,837
Natural Gas Plant Liquids and Liquefied Refinery Gases	124,720	-109	2,993	2,741	-110,452	--	-45	5,102	2,006	12,830	1,387
Pentanes Plus	18,458	-109	--	--	-12,249	--	31	1,398	1,143	3,528	195
Liquefied Petroleum Gases	106,262	--	2,993	2,741	-98,203	--	-76	3,704	863	9,302	1,192
Ethane/Ethylene	59,126	--	--	--	-59,412	--	-2	--	--	-284	408
Propane/Propylene	30,106	--	3,101	2,680	-23,964	--	-28	--	56	11,895	338
Normal Butane/Butylene	12,681	--	116	6	-8,070	--	-55	1,576	807	2,405	285
Isobutane/Isobutylene	4,349	--	-224	55	-6,757	--	9	2,128	--	-4,714	161
Other Liquids	--	4,723	--	3	6,965	-4,649	105	5,423	26	1,488	5,582
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	4,723	--	3	2,472	1,910	102	8,980	26	0	294
Hydrogen	--	--	--	--	--	2,075	--	2,075	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0	--
Renewable Fuels (including Fuel Ethanol)	--	4,723	--	3	2,472	-165	102	6,905	26	0	294
Fuel Ethanol ⁶	--	4,723	--	3	2,472	-222	101	6,849	26	0	293
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	57	1	56	--	0	1
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	--	--	--	-175	-1,313	--	1,488	2,820
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	4,493	-6,559	178	-2,244	0	0	2,468
Reformulated	--	--	--	--	--	0	-2	2	--	--	--
Conventional	--	--	--	--	4,493	-6,559	180	-2,246	0	0	2,468
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	196,739	1,612	5,689	6,781	24	--	832	209,965	11,267
Finished Motor Gasoline	--	--	97,316	--	-3,996	6,781	330	--	0	99,771	5,004
Reformulated	--	--	--	--	--	2	--	--	--	2	--
Conventional	--	--	97,316	--	-3,996	6,779	330	--	0	99,769	5,004
Finished Aviation Gasoline	--	--	150	4	--	--	-4	--	--	158	17
Kerosene-Type Jet Fuel	--	--	8,706	--	8,315	--	-61	--	10	17,072	681
Kerosene	--	--	322	--	-163	--	-45	--	104	100	1
Distillate Fuel Oil	--	--	59,397	815	1,536	0	-81	--	39	61,790	3,637
15 ppm sulfur and under ⁷	--	--	55,703	670	1,536	0	-103	--	8	58,004	3,254
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	3,893	138	--	--	77	--	30	3,924	276
Greater than 500 ppm sulfur	--	--	-199	7	--	--	-55	--	1	-138	107
Residual Fuel Oil ⁸	--	--	3,431	31	--	--	5	--	91	3,366	204
Less than 0.31 percent sulfur	--	--	1,524	--	--	--	4	--	NA	NA	11
0.31 to 1.00 percent sulfur	--	--	457	26	--	--	-7	--	NA	NA	13
Greater than 1.00 percent sulfur	--	--	1,450	5	--	--	8	--	NA	NA	180
Petrochemical Feedstocks	--	--	41	--	--	--	--	--	--	41	--
Naphtha for Petro. Feed. Use	--	--	41	--	--	--	--	--	--	41	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	0	0	--
Lubricants	--	--	--	2	--	--	--	--	80	-78	--
Waxes	--	--	--	--	--	--	--	--	2	-2	--
Petroleum Coke	--	--	8,309	--	--	--	64	--	1	8,244	475
Marketable	--	--	5,855	--	--	--	64	--	1	5,790	475
Catalyst	--	--	2,454	--	--	--	--	--	--	2,454	--
Asphalt and Road Oil	--	--	9,750	749	--	--	-181	--	505	10,175	1,232
Still Gas	--	--	7,928	--	--	--	--	--	--	7,928	--
Miscellaneous Products	--	--	1,389	11	-3	--	-3	--	0	1,400	16
Total	250,630	4,614	199,732	103,525	-141,022	1,780	64	191,858	3,054	224,283	34,073

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 19. PAD District 4 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2011
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	386	--	--	283	-120	-7	-25	567	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	401	0	1	14	-347	--	-4	21	12	40
Pentanes Plus	58	0	--	--	-39	--	0	5	9	5
Liquefied Petroleum Gases	343	--	1	14	-308	--	-4	16	3	35
Ethane/Ethylene	197	--	--	--	-190	--	0	--	--	7
Propane/Propylene	94	--	10	14	-73	--	-1	--	0	46
Normal Butane/Butylene	39	--	-8	--	-25	--	-3	9	2	-3
Isobutane/Isobutylene	13	--	-1	1	-20	--	0	7	--	-15
Other Liquids	--	15	--	--	20	-17	-3	18	0	4
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	15	--	--	8	7	2	28	0	0
Hydrogen	--	--	--	--	--	7	--	7	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	--	0
Renewable Fuels (including Fuel Ethanol)	--	15	--	--	8	0	2	21	0	0
Fuel Ethanol ⁶	--	15	--	--	8	0	2	21	0	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	0	0	0	--	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	--	--	--	-8	4	--	4
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	12	-24	3	-15	0	0
Reformulated	--	--	--	--	--	0	--	--	--	--
Conventional	--	--	--	--	12	-24	3	-15	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	632	1	13	24	58	--	2	611
Finished Motor Gasoline	--	--	315	--	-22	24	27	--	--	290
Reformulated	--	--	--	--	--	0	--	--	--	0
Conventional	--	--	315	--	-22	24	27	--	--	290
Finished Aviation Gasoline	--	--	0	--	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	27	--	24	--	4	--	--	47
Kerosene	--	--	0	--	--	--	0	--	--	0
Distillate Fuel Oil	--	--	196	--	11	0	27	--	1	178
15 ppm sulfur and under ⁷	--	--	183	--	11	0	26	--	--	168
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	15	--	--	--	3	--	1	11
Greater than 500 ppm sulfur	--	--	-2	--	--	--	-1	--	--	-1
Residual Fuel Oil ⁸	--	--	11	--	--	--	0	--	0	11
Less than 0.31 percent sulfur	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	--	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	5	--	--	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	--	--	--	--	--	--	--	--
Naphtha for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	--	--
Lubricants	--	--	--	--	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	28	--	--	--	-1	--	--	29
Marketable	--	--	19	--	--	--	-1	--	--	21
Catalyst	--	--	8	--	--	--	--	--	--	8
Asphalt and Road Oil	--	--	26	1	--	--	1	--	0	26
Still Gas	--	--	26	--	--	--	--	--	--	26
Miscellaneous Products	--	--	4	0	--	--	0	--	--	4
Total	787	15	633	299	-433	0	26	606	14	655

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 20. PAD District 4 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2011
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	377	--	--	297	-129	-1	0	543	1	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	373	0	9	8	-331	--	0	15	6	38
Pentanes Plus	55	0	--	--	-37	--	0	4	3	11
Liquefied Petroleum Gases	318	--	9	8	-294	--	0	11	3	28
Ethane/Ethylene	177	--	--	--	-178	--	0	--	--	-1
Propane/Propylene	90	--	9	8	-72	--	0	--	0	36
Normal Butane/Butylene	38	--	0	0	-24	--	0	5	2	7
Isobutane/Isobutylene	13	--	-1	0	-20	--	0	6	--	-14
Other Liquids	--	14	--	0	21	-14	0	16	0	4
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	14	--	0	7	6	0	27	0	0
Hydrogen	--	--	--	--	--	6	--	6	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol) ...	--	14	--	0	7	0	0	21	0	0
Fuel Ethanol ⁶	--	14	--	0	7	-1	0	21	0	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	0	0	0	--	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	--	--	--	-1	-4	--	4
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	--	13	-20	1	-7	0	0
Reformulated	--	--	--	--	--	0	0	0	--	--
Conventional	--	--	--	--	13	-20	1	-7	0	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	589	5	17	20	0	--	2	629
Finished Motor Gasoline	--	--	291	--	-12	20	1	--	0	299
Reformulated	--	--	--	--	--	0	--	--	--	0
Conventional	--	--	291	--	-12	20	1	--	0	299
Finished Aviation Gasoline	--	--	0	0	--	--	0	--	--	0
Kerosene-Type Jet Fuel	--	--	26	--	25	--	0	--	0	51
Kerosene	--	--	1	--	0	--	0	--	0	0
Distillate Fuel Oil	--	--	178	2	5	0	0	--	0	185
15 ppm sulfur and under ⁷	--	--	167	2	5	0	0	--	0	174
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	12	0	--	--	0	--	0	12
Greater than 500 ppm sulfur	--	--	-1	0	--	--	0	--	0	0
Residual Fuel Oil ⁸	--	--	10	0	--	--	0	--	0	10
Less than 0.31 percent sulfur	--	--	5	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	1	0	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	4	0	--	--	0	--	NA	NA
Petrochemical Feedstocks	--	--	0	--	--	--	--	--	--	0
Naphtha for Petro. Feed. Use	--	--	0	--	--	--	--	--	--	0
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	--	--	--	--	--	--	0	0
Lubricants	--	--	--	0	--	--	--	--	0	0
Waxes	--	--	--	--	--	--	--	--	0	0
Petroleum Coke	--	--	25	--	--	--	0	--	0	25
Marketable	--	--	18	--	--	--	0	--	0	17
Catalyst	--	--	7	--	--	--	--	--	--	7
Asphalt and Road Oil	--	--	29	2	--	--	-1	--	2	30
Still Gas	--	--	24	--	--	--	--	--	--	24
Miscellaneous Products	--	--	4	0	0	--	0	--	0	4
Total	750	14	598	310	-422	5	0	574	9	672

-- = Not Applicable.

- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 21. PAD District 5 - Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, November 2011
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	35,112	--	--	32,834	--	2,627	4,064	66,509	0	0	55,066
Natural Gas Plant Liquids and Liquefied Refinery Gases	2,068	-13	438	163	--	--	-1,475	2,538	504	1,089	6,198
Pentanes Plus	955	-13	--	--	--	--	-47	754	52	183	106
Liquefied Petroleum Gases	1,113	--	438	163	--	--	-1,428	1,784	452	906	6,092
Ethane/Ethylene	8	--	--	--	--	--	--	--	--	8	--
Propane/Propylene	334	--	1,296	117	--	--	-226	--	405	1,568	2,107
Normal Butane/Butylene	258	--	-1,009	46	--	--	-1,393	1,139	48	-499	3,420
Isobutane/Isobutylene	513	--	151	--	--	--	191	645	--	-172	565
Other Liquids	--	540	--	2,004	7,512	3,647	585	12,178	179	762	46,186
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	540	--	94	3,786	1,245	8	5,624	33	0	2,412
Hydrogen	--	--	--	--	--	1,204	--	1,204	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	2	--	--	2	0	--
Renewable Fuels (including Fuel Ethanol)	--	540	--	94	3,786	39	8	4,420	31	0	2,412
Fuel Ethanol ⁶	--	540	--	94	3,786	-51	52	4,286	31	0	2,303
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	90	-44	134	--	0	109
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	1,634	--	--	-1,050	1,922	--	762	18,386
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	276	3,726	2,402	1,627	4,632	145	0	25,388
Reformulated	--	--	--	--	2,457	58	2,013	464	--	0	13,612
Conventional	--	--	--	276	1,269	2,344	-386	4,168	107	0	11,776
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	86,355	3,607	2,254	-2,351	-583	--	8,195	82,253	34,570
Finished Motor Gasoline	--	--	45,774	393	1,043	-2,351	-291	--	1,246	43,904	3,965
Reformulated	--	--	31,464	--	--	-410	2	--	120	30,932	21
Conventional	--	--	14,310	393	1,043	-1,942	-293	--	1,126	12,971	3,944
Finished Aviation Gasoline	--	--	3	--	--	--	-22	--	--	25	175
Kerosene-Type Jet Fuel	--	--	10,532	1,392	252	--	-873	--	554	12,495	9,193
Kerosene	--	--	40	--	--	--	59	--	17	-36	121
Distillate Fuel Oil	--	--	16,850	77	1,053	0	801	--	1,905	15,274	12,784
15 ppm sulfur and under ⁷	--	--	14,856	77	1,053	0	632	--	1,284	14,070	10,686
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	684	--	--	--	171	--	579	-66	1,035
Greater than 500 ppm sulfur	--	--	1,310	--	--	--	-2	--	42	1,270	1,063
Residual Fuel Oil ⁸	--	--	3,664	1,658	--	--	-112	--	699	4,735	4,679
Less than 0.31 percent sulfur	--	--	43	--	--	--	-46	--	NA	NA	145
0.31 to 1.00 percent sulfur	--	--	644	27	--	--	-362	--	NA	NA	746
Greater than 1.00 percent sulfur	--	--	2,977	1,631	--	--	296	--	NA	NA	3,788
Petrochemical Feedstocks	--	--	6	36	--	--	0	--	--	42	3
Naphtha for Petro. Feed. Use	--	--	6	36	--	--	0	--	--	42	3
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	36	--	--	--	1	--	1	34	34
Lubricants	--	--	77	4	-94	--	-393	--	193	187	631
Waxes	--	--	--	2	--	--	--	--	7	-5	--
Petroleum Coke	--	--	4,504	31	--	--	210	--	3,439	886	1,570
Marketable	--	--	3,530	31	--	--	210	--	3,439	-88	1,570
Catalyst	--	--	974	--	--	--	--	--	--	974	--
Asphalt and Road Oil	--	--	834	14	--	--	7	--	134	707	1,321
Still Gas	--	--	3,709	--	--	--	--	--	--	3,709	--
Miscellaneous Products	--	--	326	--	--	--	30	--	1	295	94
Total	37,180	527	86,793	38,608	9,766	3,923	2,591	81,225	8,878	84,103	142,020

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 22. PAD District 5 - Year-to-Date Supply, Disposition, and Ending Stocks of Crude Oil and Petroleum Products, January-November 2011
(Thousand Barrels)

Commodity	Supply						Disposition				Ending Stocks
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵	
Crude Oil	385,602	--	--	385,740	--	17,573	5,783	783,123	8	0	55,066
Natural Gas Plant Liquids and Liquefied Refinery Gases	19,445	-117	19,810	1,369	--	--	1,631	19,654	5,460	13,762	6,198
Pentanes Plus	8,942	-117	--	--	--	--	86	6,310	277	2,152	106
Liquefied Petroleum Gases	10,503	--	19,810	1,369	--	--	1,545	13,344	5,183	11,610	6,092
Ethane/Ethylene	88	--	--	--	--	--	--	--	--	88	--
Propane/Propylene	3,660	--	15,829	1,092	--	--	897	--	3,670	16,014	2,107
Normal Butane/Butylene	1,702	--	3,887	252	--	--	608	7,147	1,513	-3,427	3,420
Isobutane/Isobutylene	5,053	--	94	25	--	--	40	6,197	--	-1,065	565
Other Liquids	--	5,089	--	29,372	82,037	18,700	-5,296	140,163	1,520	-1,189	46,186
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	5,089	--	916	45,233	13,167	-15	63,779	641	0	2,412
Hydrogen	--	--	--	--	--	13,917	--	13,917	--	0	--
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	27	--	--	27	0	--
Renewable Fuels (including Fuel Ethanol)	--	5,089	--	916	45,233	-777	-15	49,862	614	0	2,412
Fuel Ethanol ⁶	--	5,089	--	841	45,233	-1,622	-5	48,932	614	0	2,303
Renewable Fuels Except Fuel Ethanol	--	--	--	75	--	845	-10	930	--	0	109
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0	--
Unfinished Oils	--	--	--	21,945	54	--	-2,543	25,731	--	-1,189	18,386
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	6,511	36,750	5,533	-2,738	50,653	879	0	25,388
Reformulated	--	--	--	--	23,180	-1,286	-2,042	23,898	--	0	13,612
Conventional	--	--	--	6,511	13,570	6,818	-696	26,755	840	0	11,776
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	983,838	30,426	23,954	-3,910	-3,557	--	101,605	936,260	34,570
Finished Motor Gasoline	--	--	514,008	970	10,279	-3,910	-190	--	14,551	506,986	3,965
Reformulated	--	--	356,312	--	--	355	7	--	1,937	354,722	21
Conventional	--	--	157,696	970	10,279	-4,265	-197	--	12,614	152,263	3,944
Finished Aviation Gasoline	--	--	453	1	--	--	-53	--	--	507	175
Kerosene-Type Jet Fuel	--	--	134,635	10,915	2,947	--	-887	--	7,957	141,427	9,193
Kerosene	--	--	103	--	--	--	-34	--	164	-27	121
Distillate Fuel Oil	--	--	177,978	2,314	11,599	0	-1,879	--	24,954	168,816	12,784
15 ppm sulfur and under ⁷	--	--	158,466	1,638	11,599	0	-1,169	--	14,883	157,989	10,686
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	6,906	301	--	--	-197	--	7,800	-396	1,035
Greater than 500 ppm sulfur	--	--	12,606	375	--	--	-513	--	2,271	11,223	1,063
Residual Fuel Oil ⁸	--	--	43,285	14,369	147	--	261	--	8,975	48,565	4,679
Less than 0.31 percent sulfur	--	--	805	--	--	--	9	--	NA	NA	145
0.31 to 1.00 percent sulfur	--	--	9,419	250	--	--	-104	--	NA	NA	746
Greater than 1.00 percent sulfur	--	--	33,061	14,119	--	--	356	--	NA	NA	3,788
Petrochemical Feedstocks	--	--	70	409	--	--	2	--	--	477	3
Naphtha for Petro. Feed. Use	--	--	70	409	--	--	2	--	--	477	3
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	398	--	--	--	4	--	1,075	-681	34
Lubricants	--	--	5,957	74	-1,018	--	-691	--	2,809	2,895	631
Waxes	--	--	--	323	--	--	--	--	63	260	--
Petroleum Coke	--	--	50,423	285	--	--	149	--	39,755	10,804	1,570
Marketable	--	--	39,764	285	--	--	149	--	39,755	145	1,570
Catalyst	--	--	10,659	--	--	--	--	--	--	10,659	--
Asphalt and Road Oil	--	--	10,556	766	--	--	-268	--	1,272	10,318	1,321
Still Gas	--	--	41,649	--	--	--	--	--	--	41,649	--
Miscellaneous Products	--	--	4,323	--	--	--	29	--	29	4,265	94
Total	405,047	4,972	1,003,648	446,907	105,991	32,362	-1,439	942,940	108,593	948,833	142,020

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 23. PAD District 5 - Daily Average Supply and Disposition of Crude Oil and Petroleum Products, November 2011
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,170	--	--	1,094	--	88	135	2,217	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	69	0	15	5	--	--	-49	85	17	36
Pentanes Plus	32	0	--	--	--	--	-2	25	2	6
Liquefied Petroleum Gases	37	--	15	5	--	--	-48	59	15	30
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	11	--	43	4	--	--	-8	--	13	52
Normal Butane/Butylene	9	--	-34	2	--	--	-46	38	2	-17
Isobutane/Isobutylene	17	--	5	--	--	--	6	22	--	-6
Other Liquids	--	18	--	67	250	122	20	406	6	25
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	18	--	3	126	41	0	187	1	0
Hydrogen	--	--	--	--	--	40	--	40	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	18	--	3	126	1	0	147	1	0
Fuel Ethanol ⁶	--	18	--	3	126	-2	2	143	1	0
Renewable Fuels Except Fuel Ethanol	--	--	--	--	--	3	-1	4	--	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	54	--	--	-35	64	--	25
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	9	124	80	54	154	5	0
Reformulated	--	--	--	--	82	2	67	15	--	0
Conventional	--	--	--	9	42	78	-13	139	4	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,879	120	75	-78	-19	--	273	2,742
Finished Motor Gasoline	--	--	1,526	13	35	-78	-10	--	42	1,463
Reformulated	--	--	1,049	--	--	-14	0	--	4	1,031
Conventional	--	--	477	13	35	-65	-10	--	38	432
Finished Aviation Gasoline	--	--	0	--	--	--	-1	--	--	1
Kerosene-Type Jet Fuel	--	--	351	46	8	--	-29	--	18	417
Kerosene	--	--	1	--	--	--	2	--	1	-1
Distillate Fuel Oil	--	--	562	3	35	0	27	--	64	509
15 ppm sulfur and under ⁷	--	--	495	3	35	0	21	--	43	469
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	23	--	--	--	6	--	19	-2
Greater than 500 ppm sulfur	--	--	44	--	--	--	0	--	1	42
Residual Fuel Oil ⁸	--	--	122	55	--	--	-4	--	23	158
Less than 0.31 percent sulfur	--	--	1	--	--	--	-2	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	21	1	--	--	-12	--	NA	NA
Greater than 1.00 percent sulfur	--	--	99	54	--	--	10	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	0	1
Lubricants	--	--	3	0	-3	--	-13	--	6	6
Waxes	--	--	--	0	--	--	--	--	0	0
Petroleum Coke	--	--	150	1	--	--	7	--	115	30
Marketable	--	--	118	1	--	--	7	--	115	-3
Catalyst	--	--	32	--	--	--	--	--	--	32
Asphalt and Road Oil	--	--	28	0	--	--	0	--	4	24
Still Gas	--	--	124	--	--	--	--	--	--	124
Miscellaneous Products	--	--	11	--	--	--	1	--	0	10
Total	1,239	18	2,893	1,287	326	131	86	2,708	296	2,803

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as 'Unaccounted For Crude Oil.' Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

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⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 24. PAD District 5 - Year-to-Date Daily Average Supply and Disposition of Crude Oil and Petroleum Products, January-November 2011
(Thousand Barrels per Day)

Commodity	Supply						Disposition			
	Field Production	Renewable Fuels and Oxygenate Plant Net Production	Refinery and Blender Net Production	Imports (PADD of Entry) ¹	Net Receipts ²	Adjustments ³	Stock Change ⁴	Refinery and Blender Net Inputs	Exports	Products Supplied ⁵
Crude Oil	1,154	--	--	1,155	--	53	17	2,345	0	0
Natural Gas Plant Liquids and Liquefied										
Refinery Gases	58	0	59	4	--	--	5	59	16	41
Pentanes Plus	27	0	--	--	--	--	0	19	1	6
Liquefied Petroleum Gases	31	--	59	4	--	--	5	40	16	35
Ethane/Ethylene	0	--	--	--	--	--	--	--	--	0
Propane/Propylene	11	--	47	3	--	--	3	--	11	48
Normal Butane/Butylene	5	--	12	1	--	--	2	21	5	-10
Isobutane/Isobutylene	15	--	0	0	--	--	0	19	--	-3
Other Liquids	--	15	--	88	246	56	-16	420	5	-4
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	--	15	--	3	135	39	0	191	2	0
Hydrogen	--	--	--	--	--	42	--	42	--	0
Oxygenates (excluding Fuel Ethanol)	--	--	--	--	--	0	--	--	0	0
Renewable Fuels (including Fuel Ethanol)	--	15	--	3	135	-2	0	149	2	0
Fuel Ethanol ⁶	--	15	--	3	135	-5	0	147	2	0
Renewable Fuels Except Fuel Ethanol	--	--	--	0	--	3	0	3	--	0
Other Hydrocarbons	--	--	--	--	--	0	--	--	--	0
Unfinished Oils	--	--	--	66	0	--	-8	77	--	-4
Motor Gasoline Blend.Comp. (MGBC)	--	--	--	19	110	17	-8	152	3	0
Reformulated	--	--	--	--	69	-4	-6	72	--	0
Conventional	--	--	--	19	41	20	-2	80	3	0
Aviation Gasoline Blend. Comp.	--	--	--	--	--	--	--	--	--	--
Finished Petroleum Products	--	--	2,946	91	72	-12	-11	--	304	2,803
Finished Motor Gasoline	--	--	1,539	3	31	-12	-1	--	44	1,518
Reformulated	--	--	1,067	--	--	1	0	--	6	1,062
Conventional	--	--	472	3	31	-13	-1	--	38	456
Finished Aviation Gasoline	--	--	1	0	--	--	0	--	--	2
Kerosene-Type Jet Fuel	--	--	403	33	9	--	-3	--	24	423
Kerosene	--	--	0	--	--	--	0	--	0	0
Distillate Fuel Oil	--	--	533	7	35	0	-6	--	75	505
15 ppm sulfur and under ⁷	--	--	474	5	35	0	-4	--	45	473
Greater than 15 ppm to 500 ppm sulfur ⁷	--	--	21	1	--	--	-1	--	23	-1
Greater than 500 ppm sulfur	--	--	38	1	--	--	-2	--	7	34
Residual Fuel Oil ⁸	--	--	130	43	0	--	1	--	27	145
Less than 0.31 percent sulfur	--	--	2	--	--	--	0	--	NA	NA
0.31 to 1.00 percent sulfur	--	--	28	1	--	--	0	--	NA	NA
Greater than 1.00 percent sulfur	--	--	99	42	--	--	1	--	NA	NA
Petrochemical Feedstocks	--	--	0	1	--	--	0	--	--	1
Naphtha for Petro. Feed. Use	--	--	0	1	--	--	0	--	--	1
Other Oils for Petro. Feed. Use	--	--	--	--	--	--	--	--	--	--
Special Naphthas	--	--	1	--	--	--	0	--	3	-2
Lubricants	--	--	18	0	-3	--	-2	--	8	9
Waxes	--	--	--	1	--	--	--	--	0	1
Petroleum Coke	--	--	151	1	--	--	0	--	119	32
Marketable	--	--	119	1	--	--	0	--	119	0
Catalyst	--	--	32	--	--	--	--	--	--	32
Asphalt and Road Oil	--	--	32	2	--	--	-1	--	4	31
Still Gas	--	--	125	--	--	--	--	--	--	125
Miscellaneous Products	--	--	13	--	--	--	0	--	0	13
Total	1,213	15	3,005	1,338	317	97	-4	2,823	325	2,841

-- = Not Applicable.

-- = No Data Reported.

NA = Not Available.

¹ Represents the PAD District in which the material entered the United States and not necessarily where the crude oil or product is processed and/or consumed.

² Includes implied net receipts for fuel ethanol and oxygenates (excluding fuel ethanol). Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.

³ Includes an adjustment for crude oil, previously referred to as "Unaccounted For Crude Oil." Also included is an adjustment for motor gasoline blending components, fuel ethanol, and distillate fuel oil. See Appendix B, Note 2C for a detailed explanation of these adjustments.

⁴ A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

⁵ Product supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net inputs, plus net receipts, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

⁶ Exports include industrial alcohol.

⁷ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

⁸ Total residual fuel oil ending stocks and stock change include stocks held at pipelines. Residual fuel oil ending stocks and stock change by sulfur content exclude pipeline stocks. Therefore, the sum of residual fuel oil ending stocks and stock change by sulfur content may not equal total residual fuel oil ending stocks and stock change.

Notes: Totals may not equal sum of components due to independent rounding. Domestic crude oil field production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the U.S. Census Bureau.

Table 25. Crude Oil Supply, Disposition, and Ending Stocks by PAD District, November 2011
(Thousand Barrels, Except Where Noted)

Process	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Supply							
Field Production	690	28,049	99,834	11,582	35,112	175,268	5,842
Alaskan	--	--	--	--	--	17,793	593
Lower 48 States	--	--	--	--	--	157,475	5,249
Imports (PAD District of Entry)	30,901	48,352	144,215	8,491	32,834	264,793	8,826
Commercial	30,901	48,352	144,215	8,491	32,834	264,793	8,826
Strategic Petroleum Reserve (SPR)	--	--	--	--	--	--	--
Net Receipts	639	21,903	-18,949	-3,593	--	--	--
Adjustments ¹	1,417	5,792	33	-224	2,627	9,645	321
Disposition							
Stock Change ²	305	-197	-4,381	-754	4,064	-963	-32
Commercial	--	--	-4,381	--	--	-963	-32
SPR	--	--	0	--	--	0	0
Refinery Inputs	33,055	102,654	229,514	17,008	66,509	448,740	14,958
Exports	287	1,639	--	2	0	1,928	64
Ending Stocks							
Total	10,771	93,177	858,745	15,837	55,066	1,033,596	--
Commercial	10,771	93,177	162,794	15,837	55,066	337,645	--
Refinery	9,279	12,223	44,746	2,325	24,041	92,614	--
Tank Farms and Pipelines	1,391	78,206	101,170	11,230	25,590	217,587	--
Cushing, Oklahoma	--	31,213	--	--	--	31,213	--
Lease	101	2,748	16,878	2,282	460	22,469	--
Alaskan Crude Oil In-Transit by Water	--	--	--	--	4,975	4,975	--
SPR	--	--	695,951	--	--	695,951	--
SPR Stocks							
Percent of Total Crude Oil Stocks (Percent)	--	--	--	--	--	67.3	--
Percent of Total Petroleum Stocks (Percent)	--	--	--	--	--	39.3	--
Days of Total Petroleum Net Imports (Days)	--	--	--	--	--	87	--
SPR Receipts Detail							
Receipts	--	--	--	--	--	--	--
Domestic	--	--	--	--	--	--	--
Imports	--	--	--	--	--	--	--
Imported by SPR	--	--	--	--	--	--	--
Imported for SPR by Others	--	--	--	--	--	--	--
Imports							
PAD District of Entry	30,901	48,352	144,215	8,491	32,834	264,793	8,826
PAD District of Processing	30,901	48,258	146,627	6,173	32,834	264,793	8,826

-- = Not Applicable.

-- = No Data Reported.

¹ Crude oil adjustment was previously referred to as Unaccounted-for Crude Oil.

² A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

Notes: Totals may not equal the sum of components due to independent rounding. Values of Domestic Crude Oil Field Production are estimates.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-814, "Monthly Imports Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," EIA-817, "Monthly Tanker and Barge Movements Report," and EIA-819, "Monthly Oxygenate Report." Domestic crude oil field production estimates based on historical statistics from State conservation agencies and the Minerals Management Service of the U.S. Department of Interior. Export data from the Bureau of Census.

Table 26. Production of Crude Oil by PAD District and State, November 2011
(Thousand Barrels)

PAD District and State	September 2011		January-September 2011	
	Total	Daily Average	Total	Daily Average
PAD District 1	646	22	5,879	22
Florida	161	5	1,458	5
New York	34	1	287	1
Pennsylvania	307	10	2,680	10
Virginia	1	0	5	0
West Virginia	143	5	1,475	5
Adjustment ¹	0	0	-28	0
PAD District 2	26,029	868	213,926	784
Illinois	801	27	6,775	25
Indiana	177	6	1,449	5
Kansas	3,462	115	31,152	114
Kentucky	191	6	1,746	6
Michigan	534	18	3,515	13
Missouri	7	0	89	0
Nebraska	185	6	1,630	6
North Dakota	13,800	460	105,825	388
Ohio	397	13	4,015	15
Oklahoma	6,319	211	54,560	200
South Dakota	137	5	1,215	4
Tennessee	20	1	198	1
Adjustment ¹	0	0	1,757	6
PAD District 3	95,573	3,186	896,877	3,285
Alabama	698	23	6,059	22
Arkansas	506	17	4,379	16
Louisiana	5,470	182	50,383	185
Mississippi	2,010	67	17,695	65
New Mexico	6,103	203	51,696	189
Texas	46,285	1,543	374,544	1,372
Federal Offshore PAD District 3	34,500	1,150	392,671	1,438
Adjustment ¹	0	0	-550	-2
PAD District 4	11,933	398	102,103	374
Colorado	3,159	105	23,564	86
Montana	1,945	65	17,707	65
Utah	2,255	75	19,313	71
Wyoming	4,574	152	39,489	145
Adjustment ¹	0	0	2,030	7
PAD District 5	35,053	1,168	314,960	1,154
Alaska	17,544	585	151,151	554
South Alaska	318	11	3,232	12
North Slope	17,226	574	147,920	542
Adjustment for Alaska ¹	0	0	-1	0
Arizona	3	0	26	0
California	15,732	524	147,747	541
Nevada	34	1	310	1
Federal Offshore PAD District 5	1,740	58	15,923	58
Adjustment excluding Alaska ¹	0	0	-197	-1
State Offshore Production				
U.S.	-	-	-	-
Louisiana	-	-	-	-
Texas	-	-	-	-
Alaska	-	-	-	-
California	-	-	-	-
U.S. Total	169,235	5,641	1,533,744	5,618

- = No Data Reported.

¹ These adjustments are used to reconcile the national and PAD District level sums of the State data with the independently estimated U.S. and Alaskan figures shown in Table 3.1 of the Monthly Energy Review and with PAD District level figures published in the Petroleum Supply Monthly from two months earlier. Revised data at the State, PAD District, and national levels will be published without adjustments in the 'Petroleum Supply Annual.'

Note: Totals may not equal sum of components due to independent rounding. All PAD District totals and the U.S. total are estimates. In addition, the following states are estimates: Alaska, Alabama, Arkansas, Colorado, Illinois, Indiana, Michigan, Missouri, Ohio, Oklahoma, New York, Pennsylvania, Texas, Utah, Virginia, West Virginia, and Wyoming.

Sources: State government agencies, U.S. Department of the Interior, Minerals Management Service and the Conservation Committee of California Oil Producers.

Table 27. Natural Gas Plant Net Production and Stocks of Petroleum Products by PAD and Refining Districts, November 2011
(Thousand Barrels)

Commodity	Production						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Liquids	—	1,150	1,150	2,840	845	9,971	13,656
Pentanes Plus	—	194	194	145	139	1,076	1,360
Liquefied Petroleum Gases	—	956	956	2,695	706	8,895	12,296
Ethane	—	17	17	1,523	—	4,004	5,527
Propane	—	638	638	851	461	3,081	4,393
Normal Butane	—	155	155	88	215	1,107	1,410
Isobutane	—	146	146	233	30	703	966

Commodity	Production								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Liquids	26,009	3,806	6,005	499	5,024	41,343	12,029	2,068	70,246
Pentanes Plus	3,285	416	679	89	525	4,994	1,738	955	9,241
Liquefied Petroleum Gases	22,724	3,390	5,326	410	4,499	36,349	10,291	1,113	61,005
Ethane	11,266	1,732	2,573	153	2,344	18,068	5,920	8	29,540
Propane	7,322	1,048	1,737	135	1,421	11,663	2,819	334	19,847
Normal Butane	2,630	-1,942	584	82	468	1,822	1,177	258	4,822
Isobutane	1,506	2,552	432	40	266	4,796	375	513	6,796

Commodity	Stocks						
	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Liquids	5	180	185	429	57	490	976
Pentanes Plus	—	26	26	28	24	65	117
Liquefied Petroleum Gases	5	154	159	401	33	425	859
Ethane	—	—	—	22	—	103	125
Propane	4	137	141	300	16	119	435
Normal Butane	1	10	11	40	15	112	167
Isobutane	—	7	7	39	2	91	132

Commodity	Stocks								
	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Liquids	356	982	781	19	26	2,164	131	392	3,848
Pentanes Plus	33	71	240	3	5	352	52	23	570
Liquefied Petroleum Gases	323	911	541	16	21	1,812	79	369	3,278
Ethane	107	270	—	—	—	377	2	—	504
Propane	161	335	23	8	11	538	39	38	1,191
Normal Butane	49	197	392	8	5	651	32	285	1,146
Isobutane	6	109	126	—	5	246	6	46	437

— = No Data Reported.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-816, "Monthly Natural Gas Liquids Report."

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2011
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	30,145	2,910	33,055	66,460	14,006	22,188	102,654
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	721	8	729	2,554	193	1,001	3,748
Pentanes Plus	—	—	—	670	33	342	1,045
Liquefied Petroleum Gases	721	8	729	1,884	160	659	2,703
Normal Butane	351	8	359	970	127	279	1,376
Isobutane	370	—	370	914	33	380	1,327
Other Liquids	65,142	5,259	70,401	5,866	3,391	2,703	11,960
Hydrogen/Oxygenates/Renewables/							
Other Hydrocarbons	8,657	885	9,542	4,892	1,198	1,415	7,505
Hydrogen	21	17	38	381	88	140	609
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	8,636	868	9,504	4,483	1,110	1,275	6,868
Fuel Ethanol	8,483	799	9,282	4,332	1,067	1,247	6,646
Renewable Diesel Fuel	153	69	222	151	43	28	222
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	28	—	—	28
Unfinished Oils (net)	3,740	-88	3,652	1,263	98	-177	1,184
Naphthas and Lighter	625	-30	595	1,995	4	124	2,123
Kerosene and Light Gas Oils	171	-2	169	-472	13	-62	-521
Heavy Gas Oils	1,389	-54	1,335	341	80	-125	296
Residuum	1,555	-2	1,553	-601	1	-114	-714
Motor Gasoline Blend.Comp. (MGBC)(net)	52,745	4,462	57,207	-289	2,095	1,465	3,271
Reformulated - RBOB	10,554	—	10,554	-1,309	910	988	589
Conventional	42,191	4,462	46,653	1,020	1,185	477	2,682
CBOB	32,850	4,454	37,304	-471	883	421	833
GTAB	3,386	—	3,386	—	—	—	—
Other	5,955	8	5,963	1,491	302	56	1,849
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input	96,008	8,177	104,185	74,880	17,590	25,892	118,362

See footnotes at end of table.

Table 28. Refinery and Blender Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2011
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,727	109,720	90,940	6,750	3,377	229,514	17,008	66,509	448,740
Natural Gas Plant Liquids and Liquefied Refinery Gases	643	5,561	3,872	45	135	10,256	635	2,538	17,906
Pentanes Plus	225	1,718	1,148	15	—	3,106	143	754	5,048
Liquefied Petroleum Gases	418	3,843	2,724	30	135	7,150	492	1,784	12,858
Normal Butane	217	2,239	1,269	14	—	3,739	278	1,139	6,891
Isobutane	201	1,604	1,455	16	135	3,411	214	645	5,967
Other Liquids	8,592	-21,328	-24,653	5,636	-23	-31,776	528	12,178	63,291
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	1,608	2,824	1,762	1,052	180	7,426	851	5,624	30,948
Hydrogen	34	2,006	1,329	167	33	3,569	207	1,204	5,627
Oxygenates (excluding Fuel Ethanol)	—	129	—	—	—	129	—	—	129
Methyl Tertiary Butyl Ether (MTBE)	—	129	—	—	—	129	—	—	129
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,574	689	433	885	147	3,728	644	4,420	25,164
Fuel Ethanol	1,531	689	433	861	147	3,661	638	4,286	24,513
Renewable Diesel Fuel	43	—	—	24	—	67	6	134	651
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	28
Unfinished Oils (net)	821	7,651	7,666	13	98	16,249	129	1,922	23,136
Naphthas and Lighter	304	-57	814	-22	114	1,153	85	-60	3,896
Kerosene and Light Gas Oils	227	-1,612	819	27	-17	-556	-199	96	-1,011
Heavy Gas Oils	91	6,517	1,281	93	1	7,983	288	1,914	11,816
Residuum	199	2,803	4,752	-85	—	7,669	-45	-28	8,435
Motor Gasoline Blend.Comp. (MGBC)(net)	6,160	-31,803	-34,081	4,571	-301	-55,454	-452	4,632	9,204
Reformulated - RBOB	4,387	-9,430	-2,149	—	-769	-7,961	—	464	3,646
Conventional	1,773	-22,373	-31,932	4,571	468	-47,493	-452	4,168	5,558
CBOB	2,253	-21,216	-30,832	4,553	437	-44,805	-523	2,994	-4,197
GTAB	—	—	—	—	—	—	—	310	3,696
Other	-480	-1,157	-1,100	18	31	-2,688	71	864	6,059
Aviation Gasoline Blend. Comp. (net)	3	—	—	—	—	3	—	—	3
Total Input	27,962	93,953	70,159	12,431	3,489	207,994	18,171	81,225	529,937

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2011
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	784	-48	736	1,200	-165	-54	981
Ethane/Ethylene	13	-	13	-	-	-	-
Ethane	-	-	-	-	-	-	-
Ethylene	13	-	13	-	-	-	-
Propane/Propylene	1,295	20	1,315	2,389	344	559	3,292
Propane	670	20	690	1,585	307	404	2,296
Propylene	625	-	625	804	37	155	996
Normal Butane/Butylene	-555	-41	-596	-1,265	-517	-537	-2,319
Normal Butane	-616	-41	-657	-1,267	-517	-537	-2,321
Butylene	61	-	61	2	-	-	2
Isobutane/Isobutylene	31	-27	4	76	8	-76	8
Isobutane	31	-27	4	32	8	-76	-36
Isobutylene	-	-	-	44	-	-	44
Finished Motor Gasoline	77,715	6,388	84,103	43,240	10,875	15,144	69,259
Reformulated	35,230	-	35,230	8,449	1,496	1,099	11,044
Reformulated Blended with Fuel Ethanol	35,230	-	35,230	8,449	1,496	1,099	11,044
Reformulated Other	-	-	-	-	-	-	-
Conventional	42,485	6,388	48,873	34,791	9,379	14,045	58,215
Conventional Blended with Fuel Ethanol	49,307	8,083	57,390	34,960	8,977	11,261	55,198
Ed55 and Lower	49,303	8,083	57,386	34,954	8,955	11,239	55,148
Greater than Ed55	4	-	4	6	22	22	50
Conventional Other	-6,822	-1,695	-8,517	-169	402	2,784	3,017
Finished Aviation Gasoline	-	-	-	-	53	-	53
Kerosene-Type Jet Fuel	1,478	-	1,478	4,859	756	789	6,404
Kerosene	205	-32	173	188	-17	21	192
Distillate Fuel Oil	12,044	826	12,870	18,833	4,501	8,644	31,978
15 ppm sulfur and under	5,464	728	6,192	19,005	4,240	8,780	32,025
Greater than 15 ppm to 500 ppm sulfur	102	63	165	283	199	84	566
Greater than 500 ppm sulfur	6,478	35	6,513	-455	62	-220	-613
Residual Fuel Oil	1,894	2	1,896	1,287	239	119	1,645
Less than 0.31 percent sulfur	790	2	792	-	-	-	-
0.31 to 1.00 percent sulfur	147	-	147	111	75	-	186
Greater than 1.00 percent sulfur	957	-	957	1,176	164	119	1,459
Petrochemical Feedstocks	199	-	199	1,071	-28	30	1,073
Naphtha for Petro. Feed. Use	199	-	199	831	-28	30	833
Other Oils for Petro. Feed. Use	-	-	-	240	-	-	240
Special Naphthas	-	25	25	14	-	9	23
Lubricants	234	195	429	-	-	154	154
Waxes	-	10	10	-	-	27	27
Petroleum Coke	1,254	20	1,274	2,857	806	817	4,480
Marketable	391	-	391	1,728	652	653	3,033
Catalyst	863	20	883	1,129	154	164	1,447
Asphalt and Road Oil	1,086	662	1,748	2,715	1,246	303	4,264
Still Gas	1,215	47	1,262	2,454	631	990	4,075
Miscellaneous Products	59	50	109	229	112	52	393
Total	98,167	8,145	106,312	78,947	19,009	27,045	125,001
Processing Gain(-) or Loss(+) ¹	-2,159	32	-2,127	-4,067	-1,419	-1,153	-6,639

See footnotes at end of table.

Table 29. Refinery and Blender Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2011
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	447	4,663	4,186	6	30	9,332	26	438	11,513
Ethane/Ethylene	—	602	9	—	—	611	—	—	624
Ethane	—	434	9	—	—	443	—	—	443
Ethylene	—	168	—	—	—	168	—	—	181
Propane/Propylene	726	5,119	4,763	54	48	10,710	299	1,296	16,912
Propane	481	2,299	1,623	11	48	4,462	283	1,060	8,791
Propylene	245	2,820	3,140	43	—	6,248	16	236	8,121
Normal Butane/Butylene	-236	-785	-768	-48	-18	-1,855	-254	-1,009	-6,033
Normal Butane	-235	-475	-922	-48	-20	-1,700	-226	-1,008	-5,912
Butylene	-1	-310	154	—	2	-155	-28	-1	-121
Isobutane/Isobutylene	-43	-273	182	—	—	-134	-19	151	10
Isobutane	-43	-254	182	—	—	-115	-19	151	-15
Isobutylene	—	-19	—	—	—	-19	—	—	25
Finished Motor Gasoline	19,123	23,942	12,958	7,337	1,820	65,180	9,436	45,774	273,752
Reformulated	5,903	5,580	—	—	—	11,483	—	31,464	89,221
Reformulated Blended with Fuel Ethanol	5,903	5,580	—	—	—	11,483	—	31,464	89,221
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	13,220	18,362	12,958	7,337	1,820	53,697	9,436	14,310	184,531
Conventional Blended with Fuel Ethanol	9,382	1,395	4,242	8,571	1,479	25,069	6,314	11,283	155,254
Ed55 and Lower	9,380	1,395	4,242	8,570	1,479	25,066	6,309	11,280	155,189
Greater than Ed55	2	—	—	1	—	3	5	3	65
Conventional Other	3,838	16,967	8,716	-1,234	341	28,628	3,122	3,027	29,277
Finished Aviation Gasoline	79	115	132	—	—	326	8	3	390
Kerosene-Type Jet Fuel	1,231	8,624	10,981	184	—	21,020	807	10,532	40,241
Kerosene	16	—	238	4	—	258	-1	40	662
Distillate Fuel Oil	5,782	38,207	31,714	2,451	1,367	79,521	5,873	16,850	147,092
15 ppm sulfur and under	5,254	34,232	24,866	2,382	1,321	68,055	5,489	14,856	126,617
Greater than 15 ppm to 500 ppm sulfur	541	55	2,673	43	—	3,312	446	684	5,173
Greater than 500 ppm sulfur	-13	3,920	4,175	26	46	8,154	-62	1,310	15,302
Residual Fuel Oil	188	5,236	2,471	-86	119	7,928	338	3,664	15,471
Less than 0.31 percent sulfur	—	70	141	—	—	211	158	43	1,204
0.31 to 1.00 percent sulfur	49	172	155	-58	8	326	36	644	1,339
Greater than 1.00 percent sulfur	139	4,994	2,175	-28	111	7,391	144	2,977	12,928
Petrochemical Feedstocks	136	4,807	2,632	3	—	7,578	—	6	8,856
Naphtha for Petro. Feed. Use	133	3,685	1,514	3	—	5,335	—	6	6,373
Other Oils for Petro. Feed. Use	3	1,122	1,118	—	—	2,243	—	—	2,483
Special Naphthas	212	640	147	222	—	1,221	—	36	1,305
Lubricants	42	1,864	1,042	891	—	3,839	—	77	4,499
Waxes	—	118	37	30	—	185	—	—	222
Petroleum Coke	443	8,059	6,493	164	23	15,182	831	4,504	26,271
Marketable	215	6,034	5,206	164	—	11,619	579	3,530	19,152
Catalyst	228	2,025	1,287	—	23	3,563	252	974	7,119
Asphalt and Road Oil	417	253	375	1,026	89	2,160	772	834	9,778
Still Gas	731	5,903	4,138	189	185	11,146	781	3,709	20,973
Miscellaneous Products	87	819	526	19	10	1,461	128	326	2,417
Total	28,934	103,250	78,070	12,440	3,643	226,337	18,999	86,793	563,442
Processing Gain(-) or Loss(+) ¹	-972	-9,297	-7,911	-9	-154	-18,343	-828	-5,568	-33,505

— = No Data Reported.

¹ Note: Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," and EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2011
(Thousand Barrels, Except Where Noted)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	30,145	2,910	33,055	66,460	14,006	22,188	102,654
Natural Gas Plant Liquids	533	-	533	2,518	141	713	3,372
Pentanes Plus	-	-	-	670	33	333	1,036
Liquefied Petroleum Gases	533	-	533	1,848	108	380	2,336
Normal Butane	163	-	163	934	75	-	1,009
Isobutane	370	-	370	914	33	380	1,327
Other Liquids	-8,030	25	-8,005	-27,706	-3,673	-21	-31,400
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	202	125	327	594	158	233	985
Hydrogen	21	17	38	381	88	140	609
Oxygenates (excluding Fuel Ethanol)	-	-	-	-	-	-	-
Methyl Tertiary Butyl Ether (MTBE)	-	-	-	-	-	-	-
All Other Oxygenates ¹	-	-	-	-	-	-	-
Renewable Fuels (including Fuel Ethanol)	181	108	289	185	70	93	348
Fuel Ethanol	181	93	274	159	60	87	306
Renewable Diesel Fuel	-	15	15	26	10	6	42
Other Renewable Fuels	-	-	-	-	-	-	-
Other Hydrocarbons	-	-	-	28	-	-	28
Unfinished Oils (net)	3,591	-86	3,505	1,321	98	-177	1,242
Naphthas and Lighter	625	-30	595	1,995	4	124	2,123
Kerosene and Light Gas Oils	32	-	32	-414	13	-62	-463
Heavy Gas Oils	1,300	-54	1,246	341	80	-125	296
Residuum	1,634	-2	1,632	-601	1	-114	-714
Motor Gasoline Blend.Comp. (MGBC)(net)	-11,823	-14	-11,837	-29,621	-3,929	-77	-33,627
Reformulated - RBOB	-10,505	-	-10,505	-8,885	-480	-	-9,365
Conventional	-1,318	-14	-1,332	-20,736	-3,449	-77	-24,262
CBOB	-1,668	-19	-1,687	-21,445	-3,606	-133	-25,184
GTAB	176	-	176	-	-	-	-
Other	174	5	179	709	157	56	922
Aviation Gasoline Blend. Comp. (net)	-	-	-	-	-	-	-
Total Input to Refineries	22,648	2,935	25,583	41,272	10,474	22,880	74,626
Atmospheric Crude Oil Distillation							
Gross Input (daily average)	1,005	97	1,102	2,229	468	752	3,448
Operable Capacity (daily average)	1,523	95	1,618	2,433	428	860	3,721
Operable Utilization Rate (percent) ²	66.0	102.3	68.1	91.6	109.3	87.4	92.7
Downstream Processing							
Fresh Feed Input (daily average)							
Catalytic Reforming	168	16	184	462	76	169	707
Catalytic Cracking	474	17	491	722	138	162	1,022
Catalytic Hydrocracking	18	-	18	146	48	52	246
Delayed and Fluid Coking	59	-	59	209	65	78	353
Crude Oil Qualities							
Sulfur Content, Weighted Average (percent)	0.70	1.73	0.79	1.35	2.27	0.75	1.35
API Gravity, Weighted Average (degrees)	31.31	31.64	31.34	32.87	28.36	36.88	33.13
Operable Capacity (daily average)	1,523	95	1,618	2,433	428	860	3,721
Operating	1,177	95	1,272	2,372	428	848	3,648
Idle	345	-	345	62	-	12	74
Alaskan Crude Oil Receipts	-	-	-	-	-	-	-

See footnotes at end of table.

Table 30. Refinery Net Input of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2011
(Thousand Barrels, Except Where Noted) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	18,727	109,720	90,940	6,750	3,377	229,514	17,008	66,509	448,740
Natural Gas Plant Liquids	627	4,938	3,872	31	135	9,603	626	2,538	16,672
Pentanes Plus	225	1,404	1,148	15	—	2,792	143	754	4,725
Liquefied Petroleum Gases	402	3,534	2,724	16	135	6,811	483	1,784	11,947
Normal Butane	201	1,930	1,269	—	—	3,400	269	1,139	5,980
Isobutane	201	1,604	1,455	16	135	3,411	214	645	5,967
Other Liquids	-3,846	-26,752	-27,216	-135	-536	-58,485	-692	-25,430	-124,012
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	194	2,183	1,476	194	77	4,124	487	1,393	7,316
Hydrogen	34	2,006	1,329	167	33	3,569	207	1,204	5,627
Oxygenates (excluding Fuel Ethanol)	—	129	—	—	—	129	—	—	129
Methyl Tertiary Butyl Ether (MTBE)	—	129	—	—	—	129	—	—	129
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	160	48	147	27	44	426	280	189	1,532
Fuel Ethanol	133	48	147	27	44	399	280	154	1,413
Renewable Diesel Fuel	27	—	—	—	—	27	—	35	119
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	28
Unfinished Oils (net)	821	7,651	7,666	13	98	16,249	129	1,922	23,047
Naphthas and Lighter	304	-57	814	-22	114	1,153	85	-60	3,896
Kerosene and Light Gas Oils	227	-1,612	819	27	-17	-556	-199	96	-1,090
Heavy Gas Oils	91	6,517	1,281	93	1	7,983	288	1,914	11,727
Residuum	199	2,803	4,752	-85	—	7,669	-45	-28	8,514
Motor Gasoline Blend.Comp. (MGBBC)(net)	-4,864	-36,586	-36,358	-342	-711	-78,861	-1,308	-28,745	-154,378
Reformulated - RBOB	-923	-13,889	-2,149	—	-769	-17,730	—	-26,439	-64,039
Conventional	-3,941	-22,697	-34,209	-342	58	-61,131	-1,308	-2,306	-90,339
CBOB	-3,461	-19,677	-33,109	-326	27	-56,546	-1,379	-3,308	-88,104
GTAB	—	—	—	—	—	—	—	—	176
Other	-480	-3,020	-1,100	-16	31	-4,585	71	1,002	-2,411
Aviation Gasoline Blend. Comp. (net)	3	—	—	—	—	3	—	—	3
Total Input to Refineries	15,508	87,906	67,596	6,646	2,976	180,632	16,942	43,617	341,400
Atmospheric Crude Oil Distillation									
Gross Input (daily average)	630	3,714	3,228	204	113	7,889	567	2,427	15,433
Operable Capacity (daily average)	658	4,053	3,551	235	143	8,640	624	3,128	17,730
Operable Utilization Rate (percent) ²	95.7	91.6	90.9	86.7	78.8	91.3	90.8	77.6	87.0
Downstream Processing									
Fresh Feed Input (daily average)									
Catalytic Reforming	147	581	519	31	24	1,303	96	355	2,644
Catalytic Cracking	178	1,276	1,048	19	32	2,552	172	639	4,877
Catalytic Hydrocracking	45	397	349	16	—	807	19	446	1,537
Delayed and Fluid Coking	30	626	563	23	—	1,242	72	451	2,176
Crude Oil Qualities									
Sulfur Content, Weighted Average (percent)	0.75	1.76	1.49	1.58	0.80	1.55	1.32	1.35	1.41
API Gravity, Weighted Average (degrees)	36.29	29.16	30.09	31.44	38.64	30.34	33.19	27.26	30.68
Operable Capacity (daily average)	658	4,053	3,551	235	143	8,640	624	3,128	17,730
Operating	658	3,895	3,418	235	126	8,332	624	2,611	16,487
Idle	—	159	133	—	17	308	—	517	1,244
Alaskan Crude Oil Receipts	—	—	—	—	—	—	—	16,019	16,019

— = No Data Reported.

NA = Not Available.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

² Represents gross input divided by operable calendar day capacity.

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2011
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	784	-48	736	1,200	-165	-54	981
Ethane/Ethylene	13	-	13	-	-	-	-
Ethane	-	-	-	-	-	-	-
Ethylene	13	-	13	-	-	-	-
Propane/Propylene	1,295	20	1,315	2,389	344	559	3,292
Propane	670	20	690	1,585	307	404	2,296
Propylene	625	-	625	804	37	155	996
Normal Butane/Butylene	-555	-41	-596	-1,265	-517	-537	-2,319
Normal Butane	-616	-41	-657	-1,267	-517	-537	-2,321
Butylene	61	-	61	2	-	-	2
Isobutane/Isobutylene	31	-27	4	76	8	-76	8
Isobutane	31	-27	4	32	8	-76	-36
Isobutylene	-	-	-	44	-	-	44
Finished Motor Gasoline	4,762	1,172	5,934	9,711	3,793	12,153	25,657
Reformulated	1,784	-	1,784	-	-	-	-
Reformulated Blended with Fuel Ethanol	1,784	-	1,784	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-
Conventional	2,978	1,172	4,150	9,711	3,793	12,153	25,657
Conventional Blended with Fuel Ethanol	25	980	1,005	1,598	602	947	3,147
Ed55 and Lower	25	980	1,005	1,598	602	947	3,147
Greater than Ed55	-	-	-	-	-	-	-
Conventional Other	2,953	192	3,145	8,113	3,191	11,206	22,510
Finished Aviation Gasoline	-	-	-	-	53	-	53
Kerosene-Type Jet Fuel	2,098	-	2,098	4,981	756	789	6,526
Commercial	2,098	-	2,098	4,940	676	536	6,152
Military	-	-	-	41	80	253	374
Kerosene	26	7	33	241	-	21	262
Distillate Fuel Oil	11,315	762	12,077	18,575	4,453	8,622	31,650
15 ppm sulfur and under	5,636	664	6,300	18,858	4,192	8,859	31,909
Greater than 15 ppm to 500 ppm sulfur	347	63	410	172	199	-17	354
Greater than 500 ppm sulfur	5,332	35	5,367	-455	62	-220	-613
Residual Fuel Oil	1,782	2	1,784	1,287	239	119	1,645
Less than 0.31 percent sulfur	742	2	744	-	-	-	-
0.31 to 1.00 percent sulfur	264	-	264	111	75	-	186
Greater than 1.00 percent sulfur	776	-	776	1,176	164	119	1,459
Petrochemical Feedstocks	199	-	199	1,071	-28	30	1,073
Naphtha for Petro. Feed. Use	199	-	199	831	-28	30	833
Other Oils for Petro. Feed. Use	-	-	-	240	-	-	240
Special Naphthas	-	25	25	14	-	9	23
Lubricants	234	195	429	-	-	154	154
Naphthenic	-	-	-	-	-	-	-
Paraffinic	234	195	429	-	-	154	154
Waxes	-	10	10	-	-	27	27
Petroleum Coke	1,254	20	1,274	2,857	806	817	4,480
Marketable	391	-	391	1,728	652	653	3,033
Catalyst	863	20	883	1,129	154	164	1,447
Asphalt and Road Oil	1,086	662	1,748	2,715	1,246	303	4,264
Still Gas	1,215	47	1,262	2,454	631	990	4,075
Miscellaneous Products	59	50	109	229	112	52	393
Fuel Use	-	-	-	-	-	-	-
Nonfuel Use	59	50	109	229	112	52	393
Total	24,814	2,904	27,718	45,335	11,896	24,032	81,263
Processing Gain(-) or Loss(+) ¹	-2,166	31	-2,135	-4,063	-1,422	-1,152	-6,637

See footnotes at end of table.

Table 31. Refinery Net Production of Finished Petroleum Products by PAD and Refining Districts, November 2011
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	447	4,663	4,186	6	30	9,332	26	438	11,513
Ethane/Ethylene	—	602	9	—	—	611	—	—	624
Ethane	—	434	9	—	—	443	—	—	443
Ethylene	—	168	—	—	—	168	—	—	181
Propane/Propylene	726	5,119	4,763	54	48	10,710	299	1,296	16,912
Propane	481	2,299	1,623	11	48	4,462	283	1,060	8,791
Propylene	245	2,820	3,140	43	—	6,248	16	236	8,121
Normal Butane/Butylene	-236	-785	-768	-48	-18	-1,855	-254	-1,009	-6,033
Normal Butane	-235	-475	-922	-48	-20	-1,700	-226	-1,008	-5,912
Butylene	-1	-310	154	—	2	-155	-28	-1	-121
Isobutane/Isobutylene	-43	-273	182	—	—	-134	-19	151	10
Isobutane	-43	-254	182	—	—	-115	-19	151	-15
Isobutylene	—	-19	—	—	—	-19	—	—	25
Finished Motor Gasoline	6,685	17,895	10,396	1,573	1,307	37,856	8,213	8,270	85,930
Reformulated	—	—	—	—	—	—	—	1,245	3,029
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	1,245	3,029
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	6,685	17,895	10,396	1,573	1,307	37,856	8,213	7,025	82,901
Conventional Blended with Fuel Ethanol	1,334	483	1,387	272	443	3,919	2,782	290	11,143
Ed55 and Lower	1,332	483	1,387	272	443	3,917	2,782	290	11,141
Greater than Ed55	2	—	—	—	—	2	—	—	2
Conventional Other	5,351	17,412	9,009	1,301	864	33,937	5,431	6,735	71,758
Finished Aviation Gasoline	79	115	132	—	—	326	8	3	390
Kerosene-Type Jet Fuel	1,231	8,716	10,981	184	—	21,112	807	10,579	41,122
Commercial	831	7,492	10,376	66	—	18,765	674	9,766	37,455
Military	400	1,224	605	118	—	2,347	133	813	3,667
Kerosene	16	—	238	4	—	258	-1	2	554
Distillate Fuel Oil	5,766	38,115	31,719	2,427	1,367	79,394	5,867	16,746	145,734
15 ppm sulfur and under	5,238	34,336	24,866	2,358	1,321	68,119	5,483	14,753	126,564
Greater than 15 ppm to 500 ppm sulfur	541	55	2,673	43	—	3,312	446	721	5,243
Greater than 500 ppm sulfur	-13	3,724	4,180	26	46	7,963	-62	1,272	13,927
Residual Fuel Oil	188	5,236	2,369	-86	119	7,826	338	3,664	15,257
Less than 0.31 percent sulfur	—	135	141	—	—	276	158	43	1,221
0.31 to 1.00 percent sulfur	49	156	155	-58	8	310	36	644	1,440
Greater than 1.00 percent sulfur	139	4,945	2,073	-28	111	7,240	144	2,977	12,596
Petrochemical Feedstocks	136	4,807	2,632	3	—	7,578	—	6	8,856
Naphtha for Petro. Feed. Use	133	3,685	1,514	3	—	5,335	—	6	6,373
Other Oils for Petro. Feed. Use	3	1,122	1,118	—	—	2,243	—	—	2,483
Special Naphthas	212	640	147	222	—	1,221	—	36	1,305
Lubricants	42	1,864	1,042	891	—	3,839	—	77	4,499
Naphthenic	42	69	—	669	—	780	—	99	879
Paraffinic	—	1,795	1,042	222	—	3,059	—	-22	3,620
Waxes	—	118	37	30	—	185	—	—	222
Petroleum Coke	443	8,059	6,493	164	23	15,182	831	4,504	26,271
Marketable	215	6,034	5,206	164	—	11,619	579	3,530	19,152
Catalyst	228	2,025	1,287	—	23	3,563	252	974	7,119
Asphalt and Road Oil	417	253	472	1,026	89	2,257	772	834	9,875
Still Gas	731	5,903	4,138	189	185	11,146	781	3,709	20,973
Miscellaneous Products	87	819	526	19	10	1,461	128	326	2,417
Fuel Use	—	—	—	—	—	—	—	—	—
Nonfuel Use	87	819	526	19	10	1,461	128	326	2,417
Total	16,480	97,203	75,508	6,652	3,130	198,973	17,770	49,194	374,918
Processing Gain(-) or Loss(+) ¹	-972	-9,297	-7,912	-6	-154	-18,341	-828	-5,577	-33,518

— = No Data Reported.

¹ Note: Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 32. Blender Net Inputs of Petroleum Products by PAD District, November 2011
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	188	8	196	36	52	288	376
Pentanes Plus	—	—	—	—	—	9	9
Liquefied Petroleum Gases	188	8	196	36	52	279	367
Normal Butane	188	8	196	36	52	279	367
Isobutane	—	—	—	—	—	—	—
Other Liquids	73,172	5,234	78,406	33,572	7,064	2,724	43,360
Oxygenates/Renewables	8,455	760	9,215	4,298	1,040	1,182	6,520
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	8,455	760	9,215	4,298	1,040	1,182	6,520
Fuel Ethanol	8,302	706	9,008	4,173	1,007	1,160	6,340
Renewable Diesel Fuel	153	54	207	125	33	22	180
Other Renewable Fuels	—	—	—	—	—	—	—
Unfinished Oils (net)	149	-2	147	-58	—	—	-58
Naphthas and Lighter	—	—	—	—	—	—	—
Kerosene and Light Gas Oils	139	-2	137	-58	—	—	-58
Heavy Gas Oils	89	—	89	—	—	—	—
Residuum	-79	—	-79	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)(net)	64,568	4,476	69,044	29,332	6,024	1,542	36,898
Reformulated - RBOB	21,059	—	21,059	7,576	1,390	988	9,954
Conventional	43,509	4,476	47,985	21,756	4,634	554	26,944
CBOB	34,518	4,473	38,991	20,974	4,489	554	26,017
GTAB	3,210	—	3,210	—	—	—	—
Other	5,781	3	5,784	782	145	—	927
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—
Total Input	73,360	5,242	78,602	33,608	7,116	3,012	43,736

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Natural Gas Plant Liquids and Liquefied									
Refinery Gases	16	623	—	14	—	653	9	—	1,234
Pentanes Plus	—	314	—	—	—	314	—	—	323
Liquefied Petroleum Gases	16	309	—	14	—	339	9	—	911
Normal Butane	16	309	—	14	—	339	9	—	911
Isobutane	—	—	—	—	—	—	—	—	—
Other Liquids	12,438	5,424	2,563	5,771	513	26,709	1,220	37,608	187,303
Oxygenates/Renewables	1,414	641	286	858	103	3,302	364	4,231	23,632
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,414	641	286	858	103	3,302	364	4,231	23,632
Fuel Ethanol	1,398	641	286	834	103	3,262	358	4,132	23,100
Renewable Diesel Fuel	16	—	—	24	—	40	6	99	532
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Unfinished Oils (net)	—	—	—	—	—	—	—	—	89
Naphthas and Lighter	—	—	—	—	—	—	—	—	—
Kerosene and Light Gas Oils	—	—	—	—	—	—	—	—	79
Heavy Gas Oils	—	—	—	—	—	—	—	—	89
Residuum	—	—	—	—	—	—	—	—	-79
Motor Gasoline Blend.Comp. (MGBC)(net)	11,024	4,783	2,277	4,913	410	23,407	856	33,377	163,582
Reformulated - RBOB	5,310	4,459	—	—	—	9,769	—	26,903	67,685
Conventional	5,714	324	2,277	4,913	410	13,638	856	6,474	95,897
CBOB	5,714	-1,539	2,277	4,879	410	11,741	856	6,302	83,907
GTAB	—	—	—	—	—	—	—	310	3,520
Other	—	1,863	—	34	—	1,897	—	-138	8,470
Aviation Gasoline Blend. Comp. (net)	—	—	—	—	—	—	—	—	—
Total Input	12,454	6,047	2,563	5,785	513	27,362	1,229	37,608	188,537

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 33. Blender Net Production of Petroleum Products by PAD District, November 2011
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Finished Motor Gasoline	72,953	5,216	78,169	33,529	7,082	2,991	43,602
Reformulated	33,446	-	33,446	8,449	1,496	1,099	11,044
Reformulated Blended with Fuel Ethanol	33,446	-	33,446	8,449	1,496	1,099	11,044
Reformulated Other	-	-	-	-	-	-	-
Conventional	39,507	5,216	44,723	25,080	5,586	1,892	32,558
Conventional Blended with Fuel Ethanol	49,282	7,103	56,385	33,362	8,375	10,314	52,051
Ed55 and Lower	49,278	7,103	56,381	33,356	8,353	10,292	52,001
Greater than Ed55	4	-	4	6	22	22	50
Conventional Other	-9,775	-1,887	-11,662	-8,282	-2,789	-8,422	-19,493
Finished Aviation Gasoline	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-620	-	-620	-122	-	-	-122
Kerosene	179	-39	140	-53	-17	-	-70
Distillate Fuel Oil	729	64	793	258	48	22	328
15 ppm sulfur and under	-172	64	-108	147	48	-79	116
Greater than 15 ppm to 500 ppm sulfur	-245	-	-245	111	0	101	212
Greater than 500 ppm sulfur	1,146	-	1,146	-	-	-	-
Residual Fuel Oil	112	-	112	-	-	-	-
Less than 0.31 percent sulfur	48	-	48	-	-	-	-
0.31 to 1.00 percent sulfur	-117	-	-117	-	-	-	-
Greater than 1.00 percent sulfur	181	-	181	-	-	-	-
Special Naphthas	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-
Total Production	73,353	5,241	78,594	33,612	7,113	3,013	43,738
Processing Gain(-) or Loss(+) ¹	7	1	8	-4	3	-1	-2

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Finished Motor Gasoline	12,438	6,047	2,562	5,764	513	27,324	1,223	37,504	187,822
Reformulated	5,903	5,580	-	-	-	11,483	-	30,219	86,192
Reformulated Blended with Fuel Ethanol	5,903	5,580	-	-	-	11,483	-	30,219	86,192
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	6,535	467	2,562	5,764	513	15,841	1,223	7,285	101,630
Conventional Blended with Fuel Ethanol	8,048	912	2,855	8,299	1,036	21,150	3,532	10,993	144,111
Ed55 and Lower	8,048	912	2,855	8,298	1,036	21,149	3,527	10,990	144,048
Greater than Ed55	-	-	-	1	-	1	5	3	63
Conventional Other	-1,513	-445	-293	-2,535	-523	-5,309	-2,309	-3,708	-42,481
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	-	-92	-	-	-	-92	-	-47	-881
Kerosene	-	-	-	-	-	-	-	38	108
Distillate Fuel Oil	16	92	-5	24	-	127	6	104	1,358
15 ppm sulfur and under	16	-104	-	24	-	-64	6	103	53
Greater than 15 ppm to 500 ppm sulfur	-	-	-	-	-	-	-	-37	-70
Greater than 500 ppm sulfur	-	196	-5	-	-	191	-	38	1,375
Residual Fuel Oil	-	0	102	-	-	102	-	-	214
Less than 0.31 percent sulfur	-	-65	-	-	-	-65	-	-	-17
0.31 to 1.00 percent sulfur	-	16	-	-	-	16	-	-	-101
Greater than 1.00 percent sulfur	-	49	102	-	-	151	-	-	332
Special Naphthas	-	-	-	-	-	-	-	-	-
Lubricants	-	-	-	-	-	-	-	-	-
Asphalt and Road Oil	-	-	-97	-	-	-97	-	-	-97
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total Production	12,454	6,047	2,562	5,788	513	27,364	1,229	37,599	188,524
Processing Gain(-) or Loss(+) ¹	0	0	1	-3	0	-2	0	9	13

- = No Data Reported.

¹ Note: Represents the arithmetic difference between input and production.

Note: Refer to Appendix A for Refining District descriptions.

Sources: Energy Information Administration (EIA) Form EIA-815, "Monthly Bulk Terminal and Blender Report."

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2011
(Thousand Barrels)

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Crude Oil	8,878	401	9,279	8,736	1,481	2,006	12,223
Petroleum Products	22,729	1,878	24,607	30,296	5,881	11,957	48,134
Pentanes Plus	—	—	—	96	14	307	417
Liquefied Petroleum Gases	2,020	57	2,077	2,966	343	1,142	4,451
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	330	2	332	1,482	29	858	2,369
Normal Butane/Butylene	1,423	32	1,455	1,243	220	120	1,583
Isobutane/Isobutylene	267	23	290	241	94	164	499
Oxygenates/Renewable Fuels/Other Hydrocarbons	78	78	156	80	21	19	120
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
All Other Oxygenates ¹	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	78	78	156	37	21	19	77
Fuel Ethanol	78	75	153	30	16	19	65
Renewable Diesel Fuel	—	3	3	7	5	—	12
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	43	—	—	43
Unfinished Oils	4,935	394	5,329	8,091	561	4,497	13,149
Naphthas and Lighter	689	233	922	1,835	86	1,220	3,141
Kerosene and Light Gas Oils	746	—	746	1,981	121	593	2,695
Heavy Gas Oils	2,231	151	2,382	2,648	350	2,020	5,018
Residuum	1,269	10	1,279	1,627	4	664	2,295
Motor Gasoline Blending Components (MGBC)	7,037	156	7,193	7,129	1,345	976	9,450
Reformulated - RBOB	2,522	—	2,522	1,099	—	—	1,099
Conventional	4,515	156	4,671	6,030	1,345	976	8,351
CBOB	618	136	754	2,406	672	80	3,158
GTAB	—	—	—	—	—	—	—
Other	3,897	20	3,917	3,624	673	896	5,193
Aviation Gasoline Blending Components	—	—	—	—	—	—	—
Finished Motor Gasoline	484	62	546	1,343	586	1,866	3,795
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	484	62	546	1,343	586	1,866	3,795
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	484	62	546	1,343	586	1,866	3,795
Finished Aviation Gasoline	—	—	—	—	83	—	83
Kerosene-Type Jet Fuel	731	—	731	1,749	266	377	2,392
Kerosene	86	6	92	178	—	30	208
Distillate Fuel Oil	5,237	290	5,527	4,098	1,119	1,838	7,055
15 ppm sulfur and under	1,767	140	1,907	3,781	944	1,541	6,266
Greater than 15 ppm to 500 ppm sulfur	778	139	917	49	78	26	153
Greater than 500 ppm sulfur	2,692	11	2,703	268	97	271	636
Residual Fuel Oil	748	10	758	930	239	54	1,223
Less than 0.31 percent sulfur	195	8	203	—	—	—	—
0.31 to 1.00 percent sulfur	156	2	158	80	63	—	143
Greater than 1.00 percent sulfur	397	—	397	850	176	54	1,080
Petrochemical Feedstocks	293	—	293	576	88	8	672
Naphtha for Petro. Feed. Use	293	—	293	486	88	8	582
Other Oils for Petro. Feed. Use	—	—	—	90	—	—	90
Special Naphthas	—	20	20	57	—	12	69
Lubricants	425	231	656	—	—	242	242
Waxes	—	233	233	—	—	33	33
Petroleum Coke	—	—	—	519	56	132	707
Marketable	—	—	—	519	56	132	707
Catalyst	—	—	—	—	—	—	—
Asphalt and Road Oil	642	322	964	2,436	1,134	413	3,983
Miscellaneous Products	13	19	32	48	26	11	85
Total Stocks, All Oils	31,607	2,279	33,886	39,032	7,362	13,963	60,357

See footnotes at end of table.

Table 34. Refinery Stocks of Crude Oil and Petroleum Products by PAD and Refining Districts, November 2011
(Thousand Barrels) — Continued

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Crude Oil	1,425	25,475	15,991	1,549	306	44,746	2,325	24,041	92,614
Petroleum Products	9,702	59,169	47,364	4,355	1,421	122,011	10,929	49,902	255,583
Pentanes Plus	37	161	183	2	—	383	29	5	834
Liquefied Petroleum Gases	2,307	774	4,316	13	86	7,496	371	1,986	16,381
Ethane/Ethylene	280	—	—	—	—	280	—	—	280
Propane/Propylene	1,174	78	345	4	3	1,604	86	121	4,512
Normal Butane/Butylene	741	512	3,196	5	65	4,519	175	1,377	9,109
Isobutane/Isobutylene	112	184	775	4	18	1,093	110	488	2,480
Oxygenates/Renewable Fuels/Other Hydrocarbons	29	66	31	20	7	153	112	57	598
Oxygenates (excluding Fuel Ethanol)	—	53	—	—	—	53	—	—	53
Methyl Tertiary Butyl Ether (MTBE)	—	53	—	—	—	53	—	—	53
All Other Oxygenates ¹	—	—	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	29	13	31	20	7	100	112	57	502
Fuel Ethanol	21	13	31	20	7	92	112	46	468
Renewable Diesel Fuel	8	—	—	—	—	8	—	11	34
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—	—	43
Unfinished Oils	2,428	21,865	15,441	906	518	41,158	2,820	18,284	80,740
Naphthas and Lighter	1,128	5,614	2,174	201	195	9,312	719	3,853	17,947
Kerosene and Light Gas Oils	513	4,459	2,773	155	126	8,026	565	2,871	14,903
Heavy Gas Oils	382	8,759	7,957	517	197	17,812	1,142	9,376	35,730
Residuum	405	3,033	2,537	33	—	6,008	394	2,184	12,160
Motor Gasoline Blending Components (MGBC)	1,742	12,257	11,108	241	258	25,606	1,885	13,459	57,593
Reformulated - RBOB	122	1,680	256	—	—	2,058	—	5,673	11,352
Conventional	1,620	10,577	10,852	241	258	23,548	1,885	7,786	46,241
CBOB	357	4,155	5,199	133	81	9,925	237	986	15,060
GTAB	—	—	—	—	—	—	—	—	—
Other	1,263	6,422	5,653	108	177	13,623	1,648	6,800	31,181
Aviation Gasoline Blending Components	8	—	—	—	—	8	—	—	8
Finished Motor Gasoline	870	2,298	1,898	186	74	5,326	2,299	1,544	13,510
Reformulated	—	—	—	—	—	—	—	21	21
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	21	21
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	870	2,298	1,898	186	74	5,326	2,299	1,523	13,489
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	42	—	42
Ed55 and Lower	—	—	—	—	—	—	42	—	42
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	870	2,298	1,898	186	74	5,326	2,257	1,523	13,447
Finished Aviation Gasoline	44	188	175	—	—	407	17	56	563
Kerosene-Type Jet Fuel	395	2,513	2,131	117	—	5,156	288	3,714	12,281
Kerosene	31	—	76	8	—	115	1	15	431
Distillate Fuel Oil	1,025	7,471	5,880	571	311	15,258	1,598	5,348	34,786
15 ppm sulfur and under	679	6,475	4,509	427	235	12,325	1,298	4,155	25,951
Greater than 15 ppm to 500 ppm sulfur	217	306	581	60	—	1,164	193	449	2,876
Greater than 500 ppm sulfur	129	690	790	84	76	1,769	107	744	5,959
Residual Fuel Oil	50	2,809	1,557	68	69	4,553	204	2,586	9,324
Less than 0.31 percent sulfur	—	43	160	—	—	203	11	88	505
0.31 to 1.00 percent sulfur	2	157	97	23	7	286	13	532	1,132
Greater than 1.00 percent sulfur	48	2,609	1,300	45	62	4,064	180	1,966	7,687
Petrochemical Feedstocks	93	1,401	704	3	—	2,201	—	3	3,169
Naphtha for Petro. Feed. Use	32	828	449	3	—	1,312	—	3	2,190
Other Oils for Petro. Feed. Use	61	573	255	—	—	889	—	—	979
Special Naphthas	95	608	—	83	—	786	—	34	909
Lubricants	46	2,357	1,923	956	—	5,282	—	379	6,559
Waxes	—	143	99	76	—	318	—	—	584
Petroleum Coke	16	3,840	1,321	—	—	5,177	475	1,570	7,929
Marketable	16	3,840	1,321	—	—	5,177	475	1,570	7,929
Catalyst	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	453	240	325	1,104	97	2,219	814	787	8,767
Miscellaneous Products	33	178	196	1	1	409	16	75	617
Total Stocks, All Oils	11,127	84,644	63,355	5,904	1,727	166,757	13,254	73,943	348,197

— = No Data Reported.

¹ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Refer to Appendix A for Refining District descriptions.

Source: Energy Information Administration (EIA) Form EIA-810, "Monthly Refinery Report."

Table 35. Percent Yield of Petroleum Products by PAD and Refining Districts, November 2011

Commodity	PAD District 1 - East Coast			PAD District 2 - Midwest			
	East Coast	Appalachian No. 1	Total	Indiana, Illinois, Kentucky	Minnesota, Wisconsin, North and South Dakota	Oklahoma, Kansas, Missouri	Total
Liquefied Refinery Gases	2.3	-1.7	2.0	1.8	-1.2	-0.3	0.9
Finished Motor Gasoline ¹	47.0	38.1	46.3	53.5	52.7	51.3	52.9
Finished Aviation Gasoline ²	—	—	—	—	0.4	—	0.1
Kerosene-Type Jet Fuel	6.2	—	5.7	7.4	5.4	3.6	6.3
Kerosene	0.1	0.3	0.1	0.4	—	0.1	0.3
Distillate Fuel Oil	33.5	26.5	33.0	27.4	31.5	39.1	30.4
Residual Fuel Oil	5.3	0.1	4.9	1.9	1.7	0.5	1.6
Naphtha for Petro. Feed. Use	0.6	—	0.5	1.2	0.0	0.1	0.8
Other Oils for Petro. Feed. Use	—	—	—	0.4	—	—	0.2
Special Naphthas	—	0.9	0.1	0.0	—	0.0	0.0
Lubricants	0.7	6.9	1.2	—	—	0.7	0.2
Waxes	—	0.4	0.0	—	—	0.1	0.0
Petroleum Coke	3.7	0.7	3.5	4.2	5.7	3.7	4.3
Asphalt and Road Oil	3.2	23.4	4.8	4.0	8.8	1.4	4.1
Still Gas	3.6	1.7	3.5	3.6	4.5	4.5	3.9
Miscellaneous Products	0.2	1.8	0.3	0.3	0.8	0.2	0.4
Processing Gain(-) or Loss(+) ³	-6.4	1.1	-5.8	-6.0	-10.1	-5.2	-6.4

Commodity	PAD District 3 - Gulf Coast						PAD District 4 - Rocky Mountain	PAD District 5 - West Coast	U.S. Total
	Texas Inland	Texas Gulf Coast	Louisiana Gulf Coast	North Louisiana, Arkansas	New Mexico	Total			
Liquefied Refinery Gases	2.3	4.0	4.3	0.1	0.9	3.8	0.2	0.6	2.4
Finished Motor Gasoline ¹	55.0	40.4	42.0	25.0	52.0	41.9	49.1	48.4	45.9
Finished Aviation Gasoline ²	0.4	0.1	0.1	—	—	0.1	0.1	0.0	0.1
Kerosene-Type Jet Fuel	6.3	7.4	11.1	2.7	—	8.6	4.7	15.5	8.7
Kerosene	0.1	—	0.2	0.1	—	0.1	0.0	0.0	0.1
Distillate Fuel Oil	29.4	32.5	32.2	35.9	39.3	32.3	34.2	24.4	30.9
Residual Fuel Oil	1.0	4.5	2.4	-1.3	3.4	3.2	2.0	5.4	3.2
Naphtha for Petro. Feed. Use	0.7	3.1	1.5	0.0	—	2.2	—	0.0	1.4
Other Oils for Petro. Feed. Use	0.0	1.0	1.1	—	—	0.9	—	—	0.5
Special Naphthas	1.1	0.6	0.2	3.3	—	0.5	—	0.1	0.3
Lubricants	0.2	1.6	1.1	13.2	—	1.6	—	0.1	1.0
Waxes	—	0.1	0.0	0.4	—	0.1	—	—	0.1
Petroleum Coke	2.3	6.9	6.6	2.4	0.7	6.2	4.9	6.6	5.6
Asphalt and Road Oil	2.1	0.2	0.5	15.2	2.6	0.9	4.5	1.2	2.1
Still Gas	3.7	5.0	4.2	2.8	5.3	4.5	4.6	5.4	4.5
Miscellaneous Products	0.5	0.7	0.5	0.0	0.0	0.6	0.8	0.5	0.5
Processing Gain(-) or Loss(+) ³	-5.0	-7.9	-8.0	-0.1	-4.4	-7.5	-4.8	-8.1	-7.1

— = No Data Reported.

¹ Based on total finished motor gasoline output minus net input of motor gasoline blending components, minus input of natural gas plant liquids, hydrogen, other hydrocarbons and oxygenates.

² Based on finished aviation gasoline output minus net input of aviation gasoline blending components.

³ Note: Represents the arithmetic difference between input and production.

Note: Percent yield is based on crude oil input and net reruns of unfinished oils

Note: Totals may not equal sum of components due to independent rounding.

Note: Refer to Appendix A for Refining District descriptions.

Source: Calculated from data on Tables 30 and 31.

Table 36. Imports of Residual Fuel Oil by Sulfur Content and by PAD District and State of Entry, November 2011
(Thousand Barrels)

PAD District and State of Entry	Residual Fuel Oil			
	Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
PAD District 1	2,441	657	3,994	7,092
Connecticut	—	—	—	—
Delaware	—	—	—	—
Florida	—	—	1,298	1,298
Georgia	—	—	578	578
Maine	2	—	—	2
Maryland	—	—	90	90
Massachusetts	—	—	—	—
New Hampshire	—	—	—	—
New Jersey	1,985	128	1,475	3,588
New York	454	528	1	983
North Carolina	—	—	—	—
Pennsylvania	—	—	—	—
Rhode Island	—	—	—	—
South Carolina	—	—	404	404
Vermont	—	1	2	3
Virginia	—	—	146	146
West Virginia	—	—	—	—
PAD District 2	5	31	12	48
Illinois	—	—	—	—
Indiana	—	—	—	—
Michigan	—	5	11	16
Minnesota	5	16	1	22
North Dakota	—	10	—	10
Ohio	—	—	—	—
Wisconsin	—	—	—	—
PAD District 3	175	186	1,043	1,404
Alabama	—	—	—	—
Louisiana	—	—	—	—
Mississippi	—	—	—	—
New Mexico	—	—	—	—
Texas	175	186	1,043	1,404
PAD District 4	—	—	—	—
Idaho	—	—	—	—
Montana	—	—	—	—
PAD District 5	—	27	1,631	1,658
Alaska	—	—	—	—
California	—	—	1,588	1,588
Hawaii	—	—	—	—
Oregon	—	—	24	24
Washington	—	27	19	46
U.S. Total	2,621	901	6,680	10,202

— = No Data Reported.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 37. Imports of Crude Oil and Petroleum Products by PAD District, November 2011
(Thousand Barrels, Except Where Noted)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	30,901	48,258	146,627	6,173	32,834	264,793	8,826
Natural Gas Plant Liquids and Liquefied Refinery Gases	1,292	1,894	1,395	425	163	5,169	172
Pentanes Plus	—	53	1,300	—	—	1,353	45
Liquefied Petroleum Gases	1,292	1,841	95	425	163	3,816	127
Ethane	—	—	—	—	—	—	—
Ethylene	—	9	—	—	—	9	0
Propane	873	1,206	—	407	117	2,603	87
Propylene	271	306	41	—	—	618	21
Normal Butane	122	65	—	—	46	233	8
Butylene	—	132	54	—	—	186	6
Isobutane	26	123	—	18	—	167	6
Isobutylene	—	—	—	—	—	—	—
Other Liquids	21,850	175	16,136	—	2,004	40,165	1,339
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	332	124	3	—	94	553	18
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	—	—	—	—	—
Methyl Tertiary Butyl Ether (MTBE)	—	—	—	—	—	—	—
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	282	68	—	—	94	444	15
Fuel Ethanol	282	—	—	—	94	376	13
Biomass-Based Diesel Fuel	—	68	—	—	—	68	2
Other Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	50	56	3	—	—	109	4
Unfinished Oils ¹	2,287	—	14,399	—	1,634	18,320	611
Naphthas and Lighter	139	—	425	—	41	605	20
Kerosene and Lighter Gas Oils	—	—	—	—	—	—	—
Heavy Gas Oils	1,050	—	4,759	—	1,593	7,402	247
Residuum	1,098	—	9,215	—	—	10,313	344
Motor Gasoline Blend.Comp. (MGBC)	19,231	51	1,734	—	276	21,292	710
Reformulated - RBOB	4,947	—	—	—	—	4,947	165
Conventional	14,284	51	1,734	—	276	16,345	545
CBOB	1,959	—	—	—	50	2,009	67
GTAB	3,362	—	—	—	—	3,362	112
Other	8,963	51	1,734	—	226	10,974	366
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	13,264	648	7,303	43	3,607	24,865	829
Finished Motor Gasoline	721	10	1,084	—	393	2,208	74
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	721	10	1,084	—	393	2,208	74
Conventional Blended with Fuel Ethanol	—	—	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	721	10	1,084	—	393	2,208	74
Finished Aviation Gasoline	1	3	—	—	—	4	0
Kerosene-Type Jet Fuel	721	—	50	—	1,392	2,163	72
Bonded Aircraft Fuel	217	—	—	—	368	585	20
Other	504	—	50	—	1,024	1,578	53
Kerosene	91	1	—	—	—	92	3
Distillate Fuel Oil	3,869	58	—	—	77	4,004	133
15 ppm sulfur and under	2,903	55	—	—	77	3,035	101
Bonded	—	—	—	—	—	—	—
Other	2,903	55	—	—	77	3,035	101
Greater than 15 ppm to 500 ppm sulfur	23	3	—	—	—	26	1
Bonded	—	—	—	—	—	—	—
Other	23	3	—	—	—	26	1
Greater than 500 ppm to 2000 ppm sulfur	943	—	—	—	—	943	31
Bonded	—	—	—	—	—	—	—
Other	943	—	—	—	—	943	31
Greater than 2000 ppm	—	—	—	—	—	—	—
Bonded	—	—	—	—	—	—	—
Other	—	—	—	—	—	—	—
Residual Fuel Oil	7,092	48	1,404	—	1,658	10,202	340
Less than 0.31 percent sulfur	2,441	5	175	—	—	2,621	87
0.31 to 1.00 percent sulfur	657	31	186	—	27	901	30
Greater than 1.00 percent sulfur	3,994	12	1,043	—	1,631	6,680	223
Petrochemical Feedstocks	46	101	3,520	—	36	3,703	123
Naphtha for Petro. Feed. Use	44	66	1,318	—	36	1,464	49
Other Oils for Petro. Feed. Use	2	35	2,202	—	—	2,239	75
Special Naphthas	1	40	155	—	—	196	7
Lubricants	96	189	709	—	4	998	33
Waxes	218	1	2	—	2	223	7
Petroleum Coke (Marketable)	216	48	379	—	31	674	22
Asphalt and Road Oil	191	146	—	42	14	393	13
Miscellaneous Products	1	3	—	1	—	5	0
Total	67,307	50,975	171,461	6,641	38,608	334,992	11,166

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 38. Year-to-Date Imports of Crude Oil and Petroleum Products by PAD District, January-November 2011
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil^{1,2}	356,585	506,372	1,659,922	77,494	385,749	2,986,122	8,940
Natural Gas Plant Liquids and Liquefied Refinery Gases	16,544	20,928	15,279	2,741	1,369	56,861	170
Pentanes Plus	—	351	13,465	—	—	13,816	41
Liquefied Petroleum Gases	16,544	20,577	1,814	2,741	1,369	43,045	129
Ethane	—	—	—	—	—	—	—
Ethylene	—	109	—	—	—	109	0
Propane	10,296	11,351	—	2,680	1,092	25,419	76
Propylene	3,358	5,270	599	—	—	9,227	28
Normal Butane	1,201	1,178	—	6	252	2,637	8
Butylene	25	1,305	1,190	—	—	2,520	8
Isobutane	1,664	1,364	—	55	25	3,108	9
Isobutylene	—	—	25	—	—	25	0
Other Liquids	245,925	1,933	174,756	3	29,372	451,989	1,353
Hydrogen/Oxygenates/Renewables/Other Hydrocarbons	2,289	1,010	172	3	916	4,390	13
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	—	—	5	—	—	5	0
Methyl Tertiary Butyl Ether (MTBE)	—	—	5	—	—	5	0
Other Oxygenates ³	—	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	1,590	217	—	3	916	2,726	8
Fuel Ethanol	1,581	—	—	3	841	2,425	7
Biomass-Based Diesel Fuel	—	217	—	—	75	292	1
Other Renewable Diesel Fuel	—	—	—	—	—	—	—
Other Renewable Fuels	9	—	—	—	—	9	0
Other Hydrocarbons	699	793	167	—	—	1,659	5
Unfinished Oils ¹	30,421	202	154,996	—	21,945	207,564	621
Naphthas and Lighter	3,898	—	15,440	—	315	19,653	59
Kerosene and Lighter Gas Oils	—	—	—	—	17	17	0
Heavy Gas Oils	20,084	202	54,914	—	21,613	96,813	290
Residuum	6,439	—	84,642	—	—	91,081	273
Motor Gasoline Blend.Comp. (MGBC)	213,215	721	19,588	—	6,511	240,035	719
Reformulated - RBOB	60,418	12	—	—	—	60,430	181
Conventional	152,797	709	19,588	—	6,511	179,605	538
CBOB	23,020	112	—	—	2,764	25,896	78
GTAB	29,234	61	809	—	153	30,257	91
Other	100,543	536	18,779	—	3,594	123,452	370
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	171,777	9,664	98,163	1,612	30,426	311,642	933
Finished Motor Gasoline	24,307	275	10,810	—	970	36,362	109
Reformulated	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—
Conventional	24,307	275	10,810	—	970	36,362	109
Conventional Blended with Fuel Ethanol	—	67	—	—	—	67	0
Ed55 and Lower	—	67	—	—	—	67	0
Greater than Ed55	—	—	—	—	—	—	—
Conventional Other	24,307	208	10,810	—	970	36,295	109
Finished Aviation Gasoline	17	35	—	4	1	57	0
Kerosene-Type Jet Fuel	12,423	—	1,027	—	10,915	24,365	73
Bonded Aircraft Fuel	2,521	—	—	—	4,161	6,682	20
Other	9,902	—	1,027	—	6,754	17,683	53
Kerosene	568	2	—	—	—	570	2
Distillate Fuel Oil	53,307	779	1,665	815	2,314	58,880	176
15 ppm sulfur and under	34,383	639	594	670	1,638	37,924	114
Bonded	—	—	—	—	9	9	0
Other	34,383	639	594	670	1,629	37,915	114
Greater than 15 ppm to 500 ppm sulfur	1,272	125	307	138	301	2,143	6
Bonded	—	—	—	—	—	—	—
Other	1,272	125	307	138	301	2,143	6
Greater than 500 ppm to 2000 ppm sulfur	16,612	15	45	3	371	17,046	51
Bonded	—	—	—	—	—	—	—
Other	16,612	15	45	3	371	17,046	51
Greater than 2000 ppm	1,040	—	719	4	4	1,767	5
Bonded	—	—	—	—	—	—	—
Other	1,040	—	719	4	4	1,767	5
Residual Fuel Oil	72,115	2,020	29,989	31	14,369	118,524	355
Less than 0.31 percent sulfur	17,842	32	925	—	—	18,799	56
0.31 to 1.00 percent sulfur	5,122	1,456	4,985	26	250	11,839	35
Greater than 1.00 percent sulfur	49,151	532	24,079	5	14,119	87,886	263
Petrochemical Feedstocks	648	1,279	43,722	—	409	46,058	138
Naphtha for Petro. Feed. Use	583	710	15,935	—	409	17,637	53
Other Oils for Petro. Feed. Use	65	569	27,787	—	—	28,421	85
Special Naphthas	246	479	3,314	—	—	4,039	12
Lubricants	1,355	2,284	5,146	2	74	8,861	27
Waxes	925	14	315	—	323	1,577	5
Petroleum Coke (Marketable)	1,678	708	2,144	—	285	4,815	14
Asphalt and Road Oil	4,179	1,720	—	749	766	7,414	22
Miscellaneous Products	9	69	31	11	—	120	0
Total	790,831	538,897	1,948,120	81,850	446,916	3,806,614	11,397

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by the PAD District in which they are to be processed; all other products are reported by the PAD District of entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2011
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	116,335	150	—	2,110	—	—	—	—	2,915	2,915
Algeria	2,452	150	—	1,538	—	—	—	—	412	412
Angola	10,280	—	—	376	—	—	—	—	—	—
Ecuador	5,278	—	—	—	—	—	—	—	163	163
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	11,842	—	—	—	—	—	—	—	—	—
Kuwait	8,956	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—
Nigeria	19,664	—	—	196	—	—	—	—	921	921
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	36,089	—	—	—	—	—	—	—	501	501
United Arab Emirates	554	—	—	—	—	—	—	—	—	—
Venezuela	21,220	—	—	—	—	—	—	—	918	918
Non-OPEC	148,458	1,203	3,816	16,210	—	2,208	2,208	4,947	13,430	18,377
Argentina	1,286	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	1,789	—	—	—	—	145	145
Australia	1,103	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	290	290
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	213	—	—	—	—	—	—
Brazil	6,035	—	19	50	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	1,909	—	—	—	—	—	—	—	—	—
Canada	70,837	53	3,646	540	—	813	813	1,844	1,018	2,862
Chad	955	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	11,361	—	—	399	—	96	96	—	277	277
Congo (Brazzaville)	549	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	39	—	—	—	—	75	75
France	—	—	—	379	—	—	—	—	1,248	1,248
Gabon	719	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	42	42
Guatemala	459	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	704	704	—	140	140
Korea, South	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	318	318
Lithuania	—	—	—	—	—	—	—	—	323	323
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	34,696	690	35	345	—	—	—	—	74	74
Netherlands	—	—	—	61	—	—	—	1,002	1,690	2,692
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
Norway	2,678	—	19	365	—	—	—	—	1,493	1,493
Oman	1,258	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	284	284	—	475	475
Russia	9,330	—	—	10,286	—	—	—	—	847	847
Spain	—	—	41	—	—	—	—	—	434	434
Sweden	—	—	—	—	—	—	—	—	828	828
Syria	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	1,136	—	—	220	—	—	—	—	—	—
United Kingdom	525	—	—	—	—	311	311	1,257	1,633	2,890
Vietnam	207	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	687	—	—	—	844	2,080	2,924
Yemen	—	—	—	—	—	—	—	—	—	—
Other	3,415	460	56	837	—	0	0	0	0	0
Total	264,793	1,353	3,816	18,320	—	2,208	2,208	4,947	16,345	21,292
Persian Gulf³	57,441	—	—	—	—	—	—	—	501	501

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	376	68	-	-	3,035	26	943	-	4,004
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	281	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	68	-	-	1,790	26	681	-	2,497
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	495	-	-	-	495
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	95	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	750	-	262	-	1,012
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	0	-	-	0	0	0	-	0
Total	-	-	376	68	-	-	3,035	26	943	-	4,004
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	398	68	1,736	—	633	2,369
Algeria	—	—	—	—	—	1,433	—	—	1,433
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	303	—	—	303
Nigeria	—	—	—	—	—	—	—	320	320
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	68	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	398	—	—	—	313	313
Non-OPEC	92	4	—	1,765	128	885	901	6,047	7,833
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	39	39
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	411	175	586
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	42	4	—	17	41	7	304	1,676	1,987
Chad	—	—	—	—	—	454	—	—	454
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	593	593
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	25	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	1,025	87	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	55	—	—	—	1,515	1,515
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	107	—	1,055	1,162
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	643	643
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	50	—	—	276	—	—	—	351	351
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	367	0	317	186	0	503
Total	92	4	—	2,163	196	2,621	901	6,680	10,202
Persian Gulf³	—	—	—	—	68	—	—	—	—

See footnotes at end of table.

Table 39. Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	341	1,482	—	137	—	256	—	10,226	126,561	3,878	341	4,219
Algeria	341	1,482	—	—	—	—	—	5,356	7,808	82	179	260
Angola	—	—	—	—	—	—	—	376	10,656	343	13	355
Ecuador	—	—	—	—	—	—	—	163	5,441	176	5	181
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	11,842	395	—	395
Kuwait	—	—	—	106	—	—	—	106	9,062	299	4	302
Libya	—	—	—	—	—	—	—	303	303	—	10	10
Nigeria	—	—	—	—	—	—	—	1,437	21,101	655	48	703
Qatar	—	—	—	—	—	215	—	215	215	—	7	7
Saudi Arabia	—	—	—	—	—	—	—	569	36,658	1,203	19	1,222
United Arab Emirates	—	—	—	—	—	—	—	—	554	18	—	18
Venezuela	—	—	—	31	—	41	—	1,701	22,921	707	57	764
Non-OPEC	1,123	757	223	537	393	742	5	59,973	208,431	4,949	1,999	6,948
Argentina	—	—	—	79	—	1	—	80	1,366	43	3	46
Aruba	—	—	—	181	—	—	—	2,115	2,115	—	71	71
Australia	—	—	—	—	—	—	—	—	1,103	37	—	37
Bahamas	—	—	—	—	—	—	—	329	329	—	11	11
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	5	—	—	—	—	11	—	229	229	—	8	8
Brazil	43	—	—	—	—	—	—	979	7,014	201	33	234
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	1,909	64	—	64
Canada	158	78	24	79	393	249	5	13,612	84,449	2,361	454	2,815
Chad	—	—	—	—	—	—	—	454	1,409	32	15	47
China	—	—	185	—	—	—	—	185	185	—	6	6
Colombia	—	—	—	—	—	—	—	1,365	12,726	379	46	424
Congo (Brazzaville)	—	—	—	—	—	—	—	—	549	18	—	18
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	15	—	129	129	—	4	4
France	—	—	—	—	—	6	—	1,633	1,633	—	54	54
Gabon	—	—	—	—	—	—	—	25	744	24	1	25
Germany	9	—	—	71	—	10	—	132	132	—	4	4
Guatemala	—	—	—	—	—	—	—	—	459	15	—	15
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	61	—	61	61	—	2	2
Italy	240	—	—	—	—	5	—	1,089	1,089	—	36	36
Korea, South	143	—	—	—	—	293	—	1,548	1,548	—	52	52
Latvia	—	—	—	—	—	—	—	318	318	—	11	11
Lithuania	—	—	—	—	—	—	—	323	323	—	11	11
Malaysia	—	—	1	—	—	—	—	1	1	—	0	0
Mexico	277	—	—	—	—	—	—	2,991	37,687	1,157	100	1,256
Netherlands	30	—	—	—	—	84	—	2,867	2,867	—	96	96
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	679	—	—	—	—	—	2,556	5,234	89	85	174
Oman	—	—	—	—	—	—	—	—	1,258	42	—	42
Portugal	—	—	—	—	—	—	—	759	759	—	25	25
Russia	—	—	—	—	—	—	—	12,790	22,120	311	426	737
Spain	—	—	—	119	—	—	—	644	644	—	21	21
Sweden	—	—	—	—	—	—	—	828	828	—	28	28
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	958	2,094	38	32	70
United Kingdom	6	—	—	8	—	7	—	3,222	3,747	18	107	125
Vietnam	—	—	—	—	—	—	—	—	207	7	—	7
Virgin Islands, U.S.	—	—	—	—	—	—	—	5,300	5,300	—	177	177
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	212	0	13	0	0	0	0	2,451	5,866	113	80	195
Total	1,464	2,239	223	674	393	998	5	70,199	334,992	8,826	2,340	11,166
Persian Gulf³	—	—	—	106	—	215	—	890	58,331	1,915	30	1,944

— = No Data Reported.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-November 2011
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	1,412,897	4,430	4,275	36,997	—	1,582	1,582	578	23,414	23,992
Algeria	60,143	795	4,065	23,142	—	5	5	—	2,609	2,609
Angola	111,144	499	—	3,347	—	—	—	—	—	—
Ecuador	66,047	—	—	—	—	—	—	—	723	723
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	156,074	—	—	—	—	—	—	—	—	—
Kuwait	62,385	—	—	—	—	—	—	—	—	—
Libya	3,328	—	210	445	—	—	—	—	272	272
Nigeria	264,604	881	—	5,116	—	340	340	52	9,210	9,262
Qatar	1,943	—	—	—	—	—	—	—	—	—
Saudi Arabia	392,898	522	—	503	—	257	257	—	809	809
United Arab Emirates	2,597	—	—	1,048	—	—	—	—	—	—
Venezuela	291,734	1,733	—	3,396	—	980	980	526	9,791	10,317
Non-OPEC	1,573,225	9,386	38,770	170,567	—	34,780	34,780	59,852	156,191	216,043
Argentina	10,031	—	—	—	—	—	—	—	465	465
Aruba	—	—	—	20,221	—	—	—	—	1,076	1,076
Australia	1,741	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	2,076	—	—	—	—	1,750	1,750
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	7	240	13,137	—	—	—	156	1,113	1,269
Brazil	72,134	—	313	1,556	—	—	—	—	345	345
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	12,164	—	—	658	—	—	—	—	—	—
Canada	730,047	351	35,473	2,035	—	11,075	11,075	25,760	14,304	40,064
Chad	16,549	—	—	—	—	—	—	—	—	—
China	615	—	—	—	—	—	—	—	—	—
Colombia	126,961	—	—	1,578	—	96	96	—	1,632	1,632
Congo (Brazzaville)	19,561	—	—	—	—	—	—	—	83	83
Denmark	—	—	—	405	—	—	—	7	89	96
Egypt	—	—	—	—	—	—	—	—	35	35
Equatorial Guinea	6,934	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	3,594	—	—	—	—	—	—
Finland	—	—	—	298	—	—	—	—	3,069	3,069
France	—	—	—	687	—	1,783	1,783	2,690	6,155	8,845
Gabon	11,200	—	—	—	—	—	—	—	—	—
Germany	—	—	—	609	—	—	—	194	547	741
Guatemala	3,292	—	—	—	—	—	—	—	—	—
India	—	—	—	2,683	—	2,709	2,709	2,279	8,872	11,151
Indonesia	6,979	—	—	—	—	—	—	—	—	—
Italy	—	—	160	2,170	—	5,106	5,106	—	3,575	3,575
Korea, South	—	—	106	86	—	830	830	—	1,716	1,716
Latvia	—	—	—	—	—	—	—	63	2,449	2,512
Lithuania	—	—	—	55	—	—	—	—	1,623	1,623
Malaysia	—	—	61	481	—	—	—	—	279	279
Mexico	372,221	5,039	359	4,040	—	—	—	—	2,442	2,442
Netherlands	—	—	167	5,620	—	4,095	4,095	1,685	18,490	20,175
Netherlands Antilles	—	310	—	—	—	—	—	—	1,416	1,416
Norway	18,912	369	1,314	6,219	—	1,560	1,560	102	7,270	7,372
Oman	13,244	—	—	—	—	—	—	—	310	310
Portugal	—	—	—	953	—	1,293	1,293	—	3,635	3,635
Russia	88,370	—	—	80,365	—	39	39	105	8,893	8,998
Spain	—	—	178	707	—	1,650	1,650	17	13,753	13,770
Sweden	—	—	—	678	—	251	251	86	5,027	5,113
Syria	1,076	—	—	1,593	—	—	—	—	134	134
Trinidad and Tobago	11,376	—	—	2,407	—	250	250	—	567	567
United Kingdom	11,343	140	—	2,567	—	4,021	4,021	12,600	19,615	32,215
Vietnam	3,269	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	5,906	—	22	22	14,102	19,547	33,649
Yemen	2,077	—	—	—	—	—	—	—	—	—
Other	33,129	3,170	399	7,183	—	0	0	6	5,915	5,921
Total	2,986,122	13,816	43,045	207,564	—	36,362	36,362	60,430	179,605	240,035
Persian Gulf³	615,897	522	—	1,551	—	257	257	—	809	809

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	—	—	—	—	—	—	1,824	—	—	463	2,287
Algeria	—	—	—	—	—	—	167	—	—	—	167
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	463	463
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	1,657	—	—	—	1,657
Non-OPEC	5	—	2,425	292	—	9	36,100	2,143	17,046	1,304	56,593
Argentina	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	165	950	—	—	1,115
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	22	—	—	—	22
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	13	—	—	—	13
Brazil	—	—	1,100	—	—	—	—	—	—	119	119
Brunel	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	47	217	—	9	24,607	1,038	8,344	244	34,233
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	181	—	181
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	110	—	—	110
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	59	—	—	—	59
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	45	—	—	45
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	146	—	—	—	146
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	7	—	—	—	7
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	334	—	381	—	715
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	5	—	—	—	—	—	1,849	—	499	874	3,222
Spain	—	—	—	—	—	—	95	—	—	—	95
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	617	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	238	—	238
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	8,362	—	7,403	—	15,765
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	661	75	—	0	441	0	0	67	508
Total	5	—	2,425	292	—	9	37,924	2,143	17,046	1,767	58,880
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	5,849	406	13,508	244	1,457	15,209
Algeria	—	—	—	—	—	13,205	—	—	13,205
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	119	119
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	38	38
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	303	—	—	303
Nigeria	—	—	—	—	—	—	244	320	564
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	33	406	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	5,816	—	—	—	980	980
Non-OPEC	570	57	—	18,516	3,633	5,291	11,595	86,429	103,315
Argentina	—	—	—	—	80	—	—	—	—
Aruba	—	—	—	929	—	—	—	224	224
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	152	247	3,283	3,682
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	130	142	63	508	713
Brazil	—	—	—	—	20	—	1,852	512	2,364
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	145	—	145
Canada	245	57	—	2,104	1,087	903	4,433	19,384	24,720
Chad	—	—	—	—	—	454	21	20	495
China	—	—	—	—	22	—	—	—	—
Colombia	—	—	—	69	—	7	212	7,662	7,881
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	250	250
Finland	—	—	—	—	—	23	34	958	1,015
France	—	—	—	—	24	—	—	77	77
Gabon	—	—	—	25	—	—	—	—	—
Germany	—	—	—	—	82	—	—	14	14
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	692	76	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	11	—	—	—	—
Korea, South	—	—	—	8,832	1,773	—	—	—	—
Latvia	—	—	—	—	—	—	—	478	478
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	387	—	—	—	16,919	16,919
Netherlands	—	—	—	—	68	417	595	780	1,792
Netherlands Antilles	—	—	—	613	—	859	432	—	1,291
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	3	—	—	3
Russia	—	—	—	—	—	227	2,275	18,037	20,539
Spain	—	—	—	—	—	—	—	315	315
Sweden	—	—	—	—	—	318	14	1,724	2,056
Syria	—	—	—	—	—	—	—	379	379
Trinidad and Tobago	—	—	—	—	—	109	181	9,365	9,655
United Kingdom	—	—	—	—	12	3	411	1,166	1,580
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	325	—	—	2,221	—	895	—	2,128	3,023
Yemen	—	—	—	—	—	—	200	—	200
Other	0	0	—	2,644	248	779	480	2,246	3,505
Total	570	57	—	24,365	4,039	18,799	11,839	87,886	118,524
Persian Gulf³	—	—	—	33	406	—	—	38	38

See footnotes at end of table.

Table 40. Year-to-Date Imports of Crude Oil and Petroleum Products into the United States by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	2,575	16,006	—	642	71	398	—	115,432	1,528,329	4,230	346	4,576
Algeria	1,676	15,555	—	—	—	—	—	61,219	121,362	180	183	363
Angola	203	—	—	—	—	—	—	4,049	115,193	333	12	345
Ecuador	—	—	—	—	—	—	—	842	66,889	198	3	200
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	38	156,112	467	0	467
Kuwait	—	—	—	348	—	—	—	348	62,733	187	1	188
Libya	195	422	—	—	—	—	—	1,847	5,175	10	6	15
Nigeria	95	—	—	—	—	—	—	16,989	281,593	792	51	843
Qatar	—	—	—	—	—	215	—	215	2,158	6	1	6
Saudi Arabia	18	—	—	—	—	—	—	2,548	395,446	1,176	8	1,184
United Arab Emirates	—	—	—	—	—	—	—	1,048	3,645	8	3	11
Venezuela	388	29	—	294	71	183	—	26,289	318,023	873	79	952
Non-OPEC	15,062	12,415	1,577	4,173	7,343	8,463	120	705,060	2,278,285	4,710	2,111	6,821
Argentina	128	50	1	586	—	9	—	1,319	11,350	30	4	34
Aruba	1,197	—	—	852	—	—	—	25,614	25,614	—	77	77
Australia	14	—	—	—	—	—	—	14	1,755	5	0	5
Bahamas	—	—	—	—	—	—	—	7,530	7,530	—	23	23
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	455	315	—	—	—	102	31	16,412	16,412	—	49	49
Brazil	207	—	—	17	—	19	—	6,130	78,264	216	18	234
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	803	12,967	36	2	39
Canada	1,586	790	232	1,197	7,202	3,187	89	166,793	896,840	2,186	499	2,685
Chad	—	—	—	—	—	—	—	495	17,044	50	1	51
China	—	—	656	61	—	9	—	749	1,364	2	2	4
Colombia	21	—	—	—	—	—	—	11,458	138,419	380	34	414
Congo (Brazzaville)	—	—	—	—	—	—	—	83	19,644	59	0	59
Denmark	—	—	—	—	—	—	—	501	501	—	2	2
Egypt	—	—	23	—	—	—	—	58	58	—	0	0
Equatorial Guinea	62	1,504	—	—	—	—	—	1,566	8,500	21	5	25
Estonia	—	—	—	—	—	—	—	3,954	3,954	—	12	12
Finland	59	—	—	—	—	133	—	4,574	4,574	—	14	14
France	15	203	—	—	—	91	—	11,784	11,784	—	35	35
Gabon	—	—	—	—	—	—	—	25	11,225	34	0	34
Germany	58	—	9	94	—	73	—	1,680	1,680	—	5	5
Guatemala	—	—	—	—	—	—	—	—	3,292	10	—	10
India	14	—	—	—	—	—	—	17,370	17,370	—	52	52
Indonesia	—	—	—	—	—	285	—	285	7,264	21	1	22
Italy	450	—	15	—	—	170	—	11,657	11,657	—	35	35
Korea, South	1,577	—	—	—	—	3,469	—	18,535	18,535	—	55	55
Latvia	—	—	—	—	—	—	—	2,990	2,990	—	9	9
Lithuania	—	—	—	—	—	—	—	1,678	1,678	—	5	5
Malaysia	—	—	116	—	—	19	—	963	963	—	3	3
Mexico	5,346	—	—	—	—	27	—	34,559	406,780	1,114	103	1,218
Netherlands	345	—	2	—	—	254	—	33,233	33,233	—	100	100
Netherlands Antilles	—	—	—	—	—	82	—	3,712	3,712	—	11	11
Norway	522	2,241	16	—	—	—	—	19,613	38,525	57	59	115
Oman	—	—	—	—	—	—	—	310	13,554	40	1	41
Portugal	—	—	—	—	—	20	—	5,904	5,904	—	18	18
Russia	778	7,158	2	—	—	82	—	121,188	209,558	265	363	627
Spain	255	154	—	627	141	129	—	18,071	18,071	—	54	54
Sweden	32	—	—	—	—	—	—	8,130	8,130	—	24	24
Syria	221	—	—	—	—	—	—	2,327	3,403	3	7	10
Trinidad and Tobago	—	—	—	—	—	—	—	13,496	24,872	34	40	74
United Kingdom	195	—	34	30	—	244	—	41,276	52,619	34	124	158
Vietnam	—	—	—	—	—	—	—	—	3,269	10	—	10
Virgin Islands, U.S.	—	—	—	589	—	—	—	61,500	61,500	—	184	184
Yemen	—	—	—	—	—	—	—	200	2,277	6	1	7
Other	1,525	0	471	120	0	59	0	26,521	59,650	97	80	178
Total	17,637	28,421	1,577	4,815	7,414	8,861	120	820,492	3,806,614	8,940	2,457	11,397
Persian Gulf³	18	—	—	348	—	215	—	4,197	620,094	1,844	13	1,857

— = No Data Reported.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	15,930	-	-	-	-	-	-	-	2,157	2,157
Algeria	-	-	-	-	-	-	-	-	302	302
Angola	3,745	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	163	163
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	7,608	-	-	-	-	-	-	-	921	921
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	3,065	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	1,512	-	-	-	-	-	-	-	771	771
Non-OPEC	14,971	-	1,292	2,287	-	721	721	4,947	12,127	17,074
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	290	290
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	1,909	-	-	-	-	-	-	-	-	-
Canada	6,121	-	1,273	139	-	721	721	1,844	691	2,535
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	383	-	-	-	-	-	-	-	178	178
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	75	75
France	-	-	-	-	-	-	-	-	1,248	1,248
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	42	42
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	140	140
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	318	318
Lithuania	-	-	-	-	-	-	-	-	323	323
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	1,002	1,690	2,692
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	2,126	-	19	-	-	-	-	-	1,493	1,493
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	475	475
Russia	2,322	-	-	2,148	-	-	-	-	436	436
Spain	-	-	-	-	-	-	-	-	434	434
Sweden	-	-	-	-	-	-	-	-	828	828
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	1,257	1,633	2,890
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	844	1,833	2,677
Yemen	-	-	-	-	-	-	-	-	-	-
Other	2,110	-	0	0	-	0	0	0	0	0
Total	30,901	-	1,292	2,287	-	721	721	4,947	14,284	19,231
Persian Gulf³	3,065	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	282	-	-	-	2,903	23	943	-	3,869
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	187	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	1,658	23	681	-	2,362
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	495	-	-	-	495
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	95	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	750	-	262	-	1,012
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	-	-	0	0	0	-	0
Total	-	-	282	-	-	-	2,903	23	943	-	3,869
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	373	—	1,736	—	8	1,744
Algeria	—	—	—	—	—	1,433	—	—	1,433
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	303	—	—	303
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	373	—	—	—	8	8
Non-OPEC	91	1	—	348	1	705	657	3,986	5,348
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	39	39
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	411	—	411
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	41	1	—	17	1	2	246	1,571	1,819
Chad	—	—	—	—	—	454	—	—	454
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	241	241
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	55	—	—	—	494	494
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	1,000	1,000
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	641	641
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	50	—	—	276	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	0	0	249	0	0	249
Total	91	1	—	721	1	2,441	657	3,994	7,092
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 41. PAD District 1 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	30	—	—	—	4,304	20,234	531	143	674
Algeria	—	—	—	—	—	—	—	1,735	1,735	—	58	58
Angola	—	—	—	—	—	—	—	—	3,745	125	—	125
Ecuador	—	—	—	—	—	—	—	163	163	—	5	5
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	303	303	—	10	10
Nigeria	—	—	—	—	—	—	—	921	8,529	254	31	284
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	3,065	102	—	102
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	30	—	—	—	1,182	2,694	50	39	90
Non-OPEC	44	2	218	186	191	96	1	32,102	47,073	499	1,070	1,569
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	181	—	—	—	181	181	—	6	6
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	329	329	—	11	11
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	1	—	1	1	—	0	0
Brazil	—	—	—	—	—	—	—	598	598	—	20	20
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	1,909	64	—	64
Canada	44	2	23	1	191	59	1	9,230	15,351	204	308	512
Chad	—	—	—	—	—	—	—	454	454	—	15	15
China	—	—	183	—	—	—	—	183	183	—	6	6
Colombia	—	—	—	—	—	—	—	419	802	13	14	27
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	75	75	—	3	3
France	—	—	—	—	—	4	—	1,252	1,252	—	42	42
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	5	—	47	47	—	2	2
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	1	—	141	141	—	5	5
Korea, South	—	—	—	—	—	26	—	26	26	—	1	1
Latvia	—	—	—	—	—	—	—	318	318	—	11	11
Lithuania	—	—	—	—	—	—	—	323	323	—	11	11
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	549	549	—	18	18
Netherlands	—	—	—	—	—	—	—	2,692	2,692	—	90	90
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	1,512	3,638	71	50	121
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	475	475	—	16	16
Russia	—	—	—	—	—	—	—	4,079	6,401	77	136	213
Spain	—	—	—	4	—	—	—	488	488	—	16	16
Sweden	—	—	—	—	—	—	—	828	828	—	28	28
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	736	736	—	25	25
United Kingdom	—	—	—	—	—	—	—	2,890	2,890	—	96	96
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	4,015	4,015	—	134	134
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	12	0	0	0	0	261	2,371	70	6	76
Total	44	2	218	216	191	96	1	36,406	67,307	1,030	1,214	2,244
Persian Gulf³	—	—	—	—	—	—	—	—	3,065	102	—	102

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	927	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	927	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	47,331	53	1,841	-	-	10	10	-	51	51
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	47,331	53	1,841	-	-	10	10	-	51	51
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	-	-	0	0	-	0	0
Total	48,258	53	1,841	-	-	10	10	-	51	51
Persian Gulf³	927	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	68	-	-	55	3	-	-	58
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	68	-	-	55	3	-	-	58
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	0	-	-	0	0	-	-	0
Total	-	-	-	68	-	-	55	3	-	-	58
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	1	3	—	—	40	5	31	12	48
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	1	3	—	—	40	5	31	12	48
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	—	0	0	0	0	0
Total	1	3	—	—	40	5	31	12	48
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 42. PAD District 2 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	—	927	31	—	31
Algeria	—	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	927	31	—	31
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	66	35	1	48	146	189	3	2,717	50,048	1,578	91	1,668
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	66	35	1	47	146	188	3	2,715	50,046	1,578	91	1,668
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	1	—	1	—	2	2	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	0	0	0	0	0	0	0	0
Total	66	35	1	48	146	189	3	2,717	50,975	1,609	91	1,699
Persian Gulf³	—	—	—	—	—	—	—	—	927	31	—	31

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	82,402	150	-	1,775	-	-	-	-	758	758
Algeria	2,452	150	-	1,203	-	-	-	-	110	110
Angola	6,198	-	-	376	-	-	-	-	-	-
Ecuador	323	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	4,695	-	-	-	-	-	-	-	-	-
Kuwait	8,956	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	12,056	-	-	196	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	27,460	-	-	-	-	-	-	-	501	501
United Arab Emirates	554	-	-	-	-	-	-	-	-	-
Venezuela	19,708	-	-	-	-	-	-	-	147	147
Non-OPEC	64,225	1,150	95	12,624	-	1,084	1,084	-	976	976
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	1,101	-	-	-	-	145	145
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	213	-	-	-	-	-	-
Brazil	4,809	-	19	50	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	5,222	-	-	326	-	-	-	-	-	-
Chad	955	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	9,557	-	-	399	-	96	96	-	99	99
Congo (Brazzaville)	549	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	39	-	-	-	-	-	-
France	-	-	-	379	-	-	-	-	-	-
Gabon	719	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	459	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	704	704	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	34,696	690	35	345	-	-	-	-	74	74
Netherlands	-	-	-	61	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	552	-	-	365	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	284	284	-	-	-
Russia	4,588	-	-	8,138	-	-	-	-	411	411
Spain	-	-	41	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	1,136	-	-	-	-	-	-	-	-	-
United Kingdom	525	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	371	-	-	-	-	247	247
Yemen	-	-	-	-	-	-	-	-	-	-
Other	458	460	0	837	-	0	0	-	0	0
Total	146,627	1,300	95	14,399	-	1,084	1,084	-	1,734	1,734
Persian Gulf³	41,665	-	-	-	-	-	-	-	501	501

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	-	-	-	-	-
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	-	-	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	-	-	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	25	68	—	—	305	305
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	68	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	25	—	—	—	305	305
Non-OPEC	—	—	—	25	87	175	186	738	1,099
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	175	175
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	—	—	—	—
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	352	352
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	25	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	87	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	209	209
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	107	—	—	107
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	2	2
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	0	68	186	0	254
Total	—	—	—	50	155	175	186	1,043	1,404
Persian Gulf³	—	—	—	—	68	—	—	—	—

See footnotes at end of table.

Table 43. PAD District 3 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	341	1,482	—	107	—	256	—	5,267	87,669	2,747	176	2,922
Algeria	341	1,482	—	—	—	—	—	3,286	5,738	82	110	191
Angola	—	—	—	—	—	—	—	376	6,574	207	13	219
Ecuador	—	—	—	—	—	—	—	—	323	11	—	11
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	4,695	157	—	157
Kuwait	—	—	—	106	—	—	—	106	9,062	299	4	302
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	196	12,252	402	7	408
Qatar	—	—	—	—	—	215	—	215	215	—	7	7
Saudi Arabia	—	—	—	—	—	—	—	569	28,029	915	19	934
United Arab Emirates	—	—	—	—	—	—	—	—	554	18	—	18
Venezuela	—	—	—	1	—	41	—	519	20,227	657	17	674
Non-OPEC	977	720	2	272	—	453	—	19,567	83,792	2,141	652	2,793
Argentina	—	—	—	79	—	1	—	80	80	—	3	3
Aruba	—	—	—	—	—	—	—	1,246	1,246	—	42	42
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	5	—	—	—	—	10	—	228	228	—	8	8
Brazil	43	—	—	—	—	—	—	287	5,096	160	10	170
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	48	41	—	—	—	—	—	415	5,637	174	14	188
Chad	—	—	—	—	—	—	—	—	955	32	—	32
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	946	10,503	319	32	350
Congo (Brazzaville)	—	—	—	—	—	—	—	—	549	18	—	18
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	15	—	54	54	—	2	2
France	—	—	—	—	—	2	—	381	381	—	13	13
Gabon	—	—	—	—	—	—	—	25	744	24	1	25
Germany	9	—	—	70	—	4	—	83	83	—	3	3
Guatemala	—	—	—	—	—	—	—	—	459	15	—	15
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	61	—	61	61	—	2	2
Italy	240	—	—	—	—	4	—	948	948	—	32	32
Korea, South	107	—	—	—	—	265	—	459	459	—	15	15
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	1	—	—	—	—	1	1	—	0	0
Mexico	277	—	—	—	—	—	—	1,630	36,326	1,157	54	1,211
Netherlands	30	—	—	—	—	84	—	175	175	—	6	6
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	679	—	—	—	—	—	1,044	1,596	18	35	53
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	284	284	—	9	9
Russia	—	—	—	—	—	—	—	8,656	13,244	153	289	441
Spain	—	—	—	115	—	—	—	156	156	—	5	5
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	2	1,138	38	0	38
United Kingdom	6	—	—	8	—	7	—	21	546	18	1	18
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	618	618	—	21	21
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	212	0	1	0	—	0	—	1,767	2,225	15	55	73
Total	1,318	2,202	2	379	—	709	—	24,834	171,461	4,888	828	5,715
Persian Gulf³	—	—	—	106	—	215	—	890	42,555	1,389	30	1,419

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
	PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	6,173	-	425	-	-	-	-	-	-	-
Canada	6,173	-	425	-	-	-	-	-	-	-
Other	0	-	0	-	-	-	-	-	-	-
Total	6,173	-	425	-	-	-	-	-	-	-
	PAD District 5									
OPEC	17,076	-	-	335	-	-	-	-	-	-
Algeria	-	-	-	335	-	-	-	-	-	-
Angola	337	-	-	-	-	-	-	-	-	-
Ecuador	4,955	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	7,147	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	4,637	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	15,758	-	163	1,299	-	393	393	-	276	276
Argentina	1,286	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	688	-	-	-	-	-	-
Australia	1,103	-	-	-	-	-	-	-	-	-
Brazil	1,226	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	5,990	-	107	75	-	82	82	-	276	276
China	-	-	-	-	-	-	-	-	-	-
Colombia	1,421	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	1,258	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	399	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	311	311	-	-	-
Vietnam	207	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	316	-	-	-	-	-	-
Other	2,868	-	56	220	-	0	0	-	0	0
Total	32,834	-	163	1,634	-	393	393	-	276	276
Persian Gulf ³	11,784	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygen-ates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
	PAD District 4										
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-
	PAD District 5										
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	94	-	-	-	77	-	-	-	77
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	94	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	77	-	-	-	77
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	0	-	-	-	0	-	-	-	0
Total	-	-	94	-	-	-	77	-	-	-	77
Persian Gulf ³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
	PAD District 4								
OPEC	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	-	-	-
Other	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-
	PAD District 5								
OPEC	-	-	-	-	-	-	-	320	320
Algeria	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	320	320
Qatar	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	1,392	-	-	27	1,311	1,338
Argentina	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-
Brazil	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-
Canada	-	-	-	-	-	-	27	93	120
China	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-
Japan	-	-	-	365	-	-	-	-	-
Korea, South	-	-	-	1,025	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	812	812
Netherlands	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	2	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	351	351
Other	-	-	-	0	-	-	0	55	55
Total	-	-	-	1,392	-	-	27	1,631	1,658
Persian Gulf ³	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 44. PAD District 4 and 5 - Imports of Crude Oil and Petroleum Products by Country of Origin, November 2011
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks								Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
	PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	42	-	1	468	6,641	206	16	221
Canada	-	-	-	-	42	-	1	468	6,641	206	16	221
Other	-	-	-	-	0	-	0	0	0	0	0	0
Total	-	-	-	-	42	-	1	468	6,641	206	16	221
	PAD District 5											
OPEC	-	-	-	-	-	-	-	655	17,731	569	22	591
Algeria	-	-	-	-	-	-	-	335	335	-	11	11
Angola	-	-	-	-	-	-	-	-	337	11	-	11
Ecuador	-	-	-	-	-	-	-	-	4,955	165	-	165
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	7,147	238	-	238
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	320	320	-	11	11
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	4,637	155	-	155
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	36	-	2	31	14	4	-	5,119	20,877	525	171	696
Argentina	-	-	-	-	-	-	-	-	1,286	43	-	43
Aruba	-	-	-	-	-	-	-	688	688	-	23	23
Australia	-	-	-	-	-	-	-	-	1,103	37	-	37
Brazil	-	-	-	-	-	-	-	94	1,320	41	3	44
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	31	14	2	-	784	6,774	200	26	226
China	-	-	2	-	-	-	-	2	2	-	0	0
Colombia	-	-	-	-	-	-	-	-	1,421	47	-	47
Finland	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	365	365	-	12	12
Korea, South	36	-	-	-	-	2	-	1,063	1,063	-	35	35
Malaysia	-	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	812	812	-	27	27
Netherlands	-	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	1,258	42	-	42
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	399	13	-	13
Singapore	-	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	2	2	-	0	0
United Kingdom	-	-	-	-	-	-	-	311	311	-	10	10
Vietnam	-	-	-	-	-	-	-	-	207	7	-	7
Virgin Islands, U.S.	-	-	-	-	-	-	-	667	667	-	22	22
Other	0	-	0	0	0	0	-	331	3,199	95	13	108
Total	36	-	2	31	14	4	-	5,774	38,608	1,094	192	1,287
Persian Gulf ³	-	-	-	-	-	-	-	-	11,784	393	-	393

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	206,896	—	4,065	3,693	—	1,232	1,232	578	18,890	19,468
Algeria	6,162	—	4,065	14	—	—	—	—	1,215	1,215
Angola	40,973	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	347	347
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	12,349	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	1	—	—	—	—	272	272
Nigeria	111,185	—	—	3,543	—	—	—	52	8,758	8,810
Qatar	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	21,827	—	—	—	—	257	257	—	199	199
United Arab Emirates	—	—	—	—	—	—	—	—	—	—
Venezuela	14,400	—	—	135	—	975	975	526	8,099	8,625
Non-OPEC	149,689	—	12,479	26,728	—	23,075	23,075	59,840	133,907	193,747
Argentina	—	—	—	—	—	—	—	—	465	465
Aruba	—	—	—	2,739	—	—	—	—	621	621
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	1,750	1,750
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	1,670	—	—	—	156	1,113	1,269
Brazil	3,800	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	12,164	—	—	301	—	—	—	—	—	—
Canada	75,417	—	11,165	938	—	10,427	10,427	25,748	9,383	35,131
Chad	107	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	4,227	—	—	—	—	—	—	—	1,161	1,161
Congo (Brazzaville)	12,519	—	—	—	—	—	—	—	83	83
Denmark	—	—	—	198	—	—	—	7	89	96
Egypt	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	2,040	—	—	—	—	—	—
Finland	—	—	—	123	—	—	—	—	3,069	3,069
France	—	—	—	52	—	1,065	1,065	2,690	6,082	8,772
Gabon	1,258	—	—	—	—	—	—	—	—	—
Germany	—	—	—	329	—	—	—	194	547	741
Guatemala	—	—	—	—	—	—	—	—	—	—
India	—	—	—	641	—	2,163	2,163	2,279	7,632	9,911
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	524	—	108	108	—	3,176	3,176
Korea, South	—	—	—	—	—	294	294	—	—	—
Latvia	—	—	—	—	—	—	—	63	2,449	2,512
Lithuania	—	—	—	55	—	—	—	—	1,623	1,623
Malaysia	—	—	—	—	—	—	—	—	—	—
Mexico	546	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	1,292	—	3,055	3,055	1,685	17,721	19,406
Netherlands Antilles	—	—	—	—	—	—	—	—	567	567
Norway	12,815	—	1,314	130	—	1,560	1,560	102	6,938	7,040
Oman	702	—	—	—	—	—	—	—	310	310
Portugal	—	—	—	38	—	437	437	—	3,635	3,635
Russia	11,938	—	—	11,000	—	—	—	105	6,577	6,682
Spain	—	—	—	558	—	275	275	17	12,945	12,962
Sweden	—	—	—	—	—	—	—	86	4,831	4,917
Syria	—	—	—	93	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	370	—	250	250	—	567	567
United Kingdom	661	—	—	1,515	—	3,429	3,429	12,600	19,287	31,887
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	12	12	14,102	17,595	31,697
Yemen	—	—	—	—	—	—	—	—	—	—
Other	13,535	—	0	2,122	—	0	0	6	3,691	3,697
Total	356,585	—	16,544	30,421	—	24,307	24,307	60,418	152,797	213,215
Persian Gulf³	34,176	—	—	—	—	257	257	—	199	199

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	1,417	—	—	—	1,417
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	1,417	—	—	—	1,417
Non-OPEC	—	—	1,581	—	—	9	32,966	1,272	16,612	1,040	51,890
Argentina	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	165	649	—	—	814
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	596	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	9	22,622	623	8,305	236	31,786
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	181	—	181
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	120	—	336	—	456
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	1,598	—	149	804	2,551
Spain	—	—	—	—	—	—	95	—	—	—	95
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	617	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	238	—	238
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	8,362	—	7,403	—	15,765
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	368	—	—	0	4	0	0	0	4
Total	—	—	1,581	—	—	9	34,383	1,272	16,612	1,040	53,307
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	5,787	—	13,508	—	416	13,924
Algeria	—	—	—	—	—	13,205	—	—	13,205
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	303	—	—	303
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	21	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	5,766	—	—	—	416	416
Non-OPEC	568	17	—	6,636	246	4,334	5,122	48,735	58,191
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	929	—	—	—	75	75
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	152	247	2,127	2,526
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	371	371
Brazil	—	—	—	—	20	—	1,302	127	1,429
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	145	—	145
Canada	243	17	—	1,804	45	871	2,882	18,166	21,919
Chad	—	—	—	—	—	454	21	—	475
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	69	—	7	—	6,073	6,080
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	23	—	958	981
France	—	—	—	—	—	—	—	77	77
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	67	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	692	76	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	478	478
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	186	—	—	—	2,721	2,721
Netherlands	—	—	—	—	38	258	—	54	312
Netherlands Antilles	—	—	—	613	—	859	—	—	859
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	3	—	—	3
Russia	—	—	—	—	—	120	290	4,073	4,483
Spain	—	—	—	—	—	—	—	315	315
Sweden	—	—	—	—	—	318	—	1,650	1,968
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	109	—	9,035	9,144
United Kingdom	—	—	—	—	—	3	88	1,120	1,211
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	325	—	—	2,221	—	895	—	1,315	2,210
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	122	0	262	147	0	409
Total	568	17	—	12,423	246	17,842	5,122	49,151	72,115
Persian Gulf³	—	—	—	21	—	—	—	—	—

See footnotes at end of table.

Table 45. PAD District 1 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	221	71	—	—	50,527	257,423	619	151	771
Algeria	—	—	—	—	—	—	—	18,499	24,661	18	55	74
Angola	—	—	—	—	—	—	—	—	40,973	123	—	123
Ecuador	—	—	—	—	—	—	—	347	347	—	1	1
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	12,349	37	—	37
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	576	576	—	2	2
Nigeria	—	—	—	—	—	—	—	12,621	123,806	333	38	371
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	477	22,304	65	1	67
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	221	71	—	—	18,007	32,407	43	54	97
Non-OPEC	583	65	925	1,457	4,108	1,355	9	383,719	533,408	448	1,149	1,597
Argentina	52	—	1	—	—	—	—	518	518	—	2	2
Aruba	—	—	—	852	—	—	—	6,030	6,030	—	18	18
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	4,276	4,276	—	13	13
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	76	—	3,386	3,386	—	10	10
Brazil	37	—	—	—	—	19	—	2,101	5,901	11	6	18
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	446	12,610	36	1	38
Canada	336	65	218	6	3,967	840	9	118,925	194,342	226	356	582
Chad	—	—	—	—	—	—	—	475	582	0	1	2
China	—	—	293	—	—	9	—	302	302	—	1	1
Colombia	—	—	—	—	—	—	—	7,491	11,718	13	22	35
Congo (Brazzaville)	—	—	—	—	—	—	—	83	12,602	37	0	38
Denmark	—	—	—	—	—	—	—	294	294	—	1	1
Egypt	—	—	23	—	—	—	—	23	23	—	0	0
Equatorial Guinea	62	—	—	—	—	—	—	62	62	—	0	0
Estonia	—	—	—	—	—	—	—	2,040	2,040	—	6	6
Finland	—	—	—	—	—	—	—	4,173	4,173	—	12	12
France	—	—	—	—	—	44	—	10,010	10,010	—	30	30
Gabon	—	—	—	—	—	—	—	—	1,258	4	—	4
Germany	—	—	5	—	—	47	—	1,189	1,189	—	4	4
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	13,483	13,483	—	40	40
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	15	—	—	4	—	3,827	3,827	—	11	11
Korea, South	—	—	—	—	—	93	—	387	387	—	1	1
Latvia	—	—	—	—	—	—	—	2,990	2,990	—	9	9
Lithuania	—	—	—	—	—	—	—	1,678	1,678	—	5	5
Malaysia	—	—	18	—	—	—	—	18	18	—	0	0
Mexico	—	—	—	—	—	6	—	2,913	3,459	2	9	10
Netherlands	—	—	2	—	—	—	—	24,561	24,561	—	74	74
Netherlands Antilles	—	—	—	—	—	—	—	2,039	2,039	—	6	6
Norway	96	—	16	—	—	—	—	10,156	22,971	38	30	69
Oman	—	—	—	—	—	—	—	310	1,012	2	1	3
Portugal	—	—	—	—	—	—	—	4,113	4,113	—	12	12
Russia	—	—	2	—	—	55	—	24,773	36,711	36	74	110
Spain	—	—	—	4	141	129	—	14,529	14,529	—	44	44
Sweden	—	—	—	—	—	—	—	6,885	6,885	—	21	21
Syria	—	—	—	—	—	—	—	93	93	—	0	0
Trinidad and Tobago	—	—	—	—	—	—	—	10,948	10,948	—	33	33
United Kingdom	—	—	34	6	—	30	—	38,350	39,011	2	115	117
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	589	—	—	—	52,819	52,819	—	158	158
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	298	0	0	3	0	7,023	20,558	41	23	60
Total	583	65	925	1,678	4,179	1,355	9	434,246	790,831	1,068	1,300	2,368
Persian Gulf³	—	—	—	—	—	—	—	477	34,653	102	1	104

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	25,531	-	-	-	-	5	5	-	-	-
Algeria	6,270	-	-	-	-	5	5	-	-	-
Angola	1,012	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	2,654	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	15,152	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	443	-	-	-	-	-	-	-	-	-
Non-OPEC	480,841	351	20,577	202	-	270	270	12	709	721
Argentina	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	-	-	-
Australia	-	-	-	-	-	-	-	-	-	-
Bahamas	-	-	-	-	-	-	-	-	-	-
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	-	-	-	-	-	-
Brazil	2,431	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-
Canada	474,033	351	20,577	202	-	231	231	12	709	721
Chad	-	-	-	-	-	-	-	-	-	-
China	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-
Congo (Brazzaville)	471	-	-	-	-	-	-	-	-	-
Denmark	-	-	-	-	-	-	-	-	-	-
Egypt	-	-	-	-	-	-	-	-	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
France	-	-	-	-	-	-	-	-	-	-
Gabon	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Guatemala	-	-	-	-	-	-	-	-	-	-
India	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-	-	-	-
Korea, South	-	-	-	-	-	-	-	-	-	-
Latvia	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-
Mexico	3,608	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-
Portugal	-	-	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	39	39	-	-	-
Spain	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-
Syria	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	-	-	-	-	-	-
United Kingdom	298	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-
Yemen	-	-	-	-	-	-	-	-	-	-
Other	0	0	0	0	-	0	0	0	0	0
Total	506,372	351	20,577	202	-	275	275	12	709	721
Persian Gulf³	17,806	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	167	—	—	—	167
Algeria	—	—	—	—	—	—	167	—	—	—	167
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	—	—	—	217	—	—	472	125	15	—	612
Argentina	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	217	—	—	468	125	15	—	608
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	4	—	—	—	4
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	—	—	—	0	—	—	0	0	0	—	0
Total	—	—	—	217	—	—	639	125	15	—	779
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	2	35	—	—	479	32	1,456	532	2,020
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	2	35	—	—	479	32	1,456	532	2,020
Chad	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—
Other	0	0	—	—	0	0	0	0	0
Total	2	35	—	—	479	32	1,456	532	2,020
Persian Gulf³	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 46. PAD District 2 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	—	—	—	—	—	—	—	172	25,703	76	1	77
Algeria	—	—	—	—	—	—	—	172	6,442	19	1	19
Angola	—	—	—	—	—	—	—	—	1,012	3	—	3
Ecuador	—	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	2,654	8	—	8
Kuwait	—	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	15,152	45	—	45
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	443	1	—	1
Non-OPEC	710	569	14	708	1,720	2,284	69	32,353	513,194	1,440	97	1,537
Argentina	—	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	2,431	7	—	7
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—	—
Canada	710	569	14	684	1,720	2,281	69	32,283	506,316	1,419	97	1,516
Chad	—	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	471	1	—	1
Denmark	—	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	—	—	—	—	—	—
Gabon	—	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	24	—	2	—	26	26	—	0	0
Guatemala	—	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	—	—	—	—	—	3,608	11	—	11
Netherlands	—	—	—	—	—	—	—	—	—	—	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	—	—	43	43	—	0	0
Spain	—	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	298	1	—	1
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—	—
Other	0	0	0	0	0	1	0	1	1	1	0	1
Total	710	569	14	708	1,720	2,284	69	32,525	538,897	1,516	97	1,613
Persian Gulf³	—	—	—	—	—	—	—	—	17,806	53	—	53

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	968,227	4,430	210	25,144	—	345	345	—	4,524	4,524
Algeria	47,711	795	—	15,264	—	—	—	—	1,394	1,394
Angola	53,328	499	—	3,347	—	—	—	—	—	—
Ecuador	4,269	—	—	—	—	—	—	—	376	376
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	97,836	—	—	—	—	—	—	—	—	—
Kuwait	61,498	—	—	—	—	—	—	—	—	—
Libya	2,294	—	210	444	—	—	—	—	—	—
Nigeria	153,032	881	—	1,573	—	340	340	—	452	452
Qatar	1,943	—	—	—	—	—	—	—	—	—
Saudi Arabia	272,052	522	—	503	—	—	—	—	610	610
United Arab Emirates	1,601	—	—	1,048	—	—	—	—	—	—
Venezuela	272,663	1,733	—	2,965	—	5	5	—	1,692	1,692
Non-OPEC	691,695	9,035	1,604	129,852	—	10,465	10,465	—	15,064	15,064
Argentina	501	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	9,705	—	—	—	—	455	455
Australia	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	1,391	—	—	—	—	—	—
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	7	240	11,467	—	—	—	—	—	—
Brazil	52,912	—	313	1,556	—	—	—	—	345	345
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	357	—	—	—	—	—	—
Canada	43,952	—	—	728	—	—	—	—	—	—
Chad	15,510	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—
Colombia	101,247	—	—	1,578	—	96	96	—	471	471
Congo (Brazzaville)	5,681	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	207	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	35	35
Equatorial Guinea	6,934	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	1,160	—	—	—	—	—	—
Finland	—	—	—	175	—	—	—	—	—	—
France	—	—	—	635	—	718	718	—	73	73
Gabon	9,942	—	—	—	—	—	—	—	—	—
Germany	—	—	—	280	—	—	—	—	—	—
Guatemala	3,292	—	—	—	—	—	—	—	—	—
India	—	—	—	2,042	—	546	546	—	1,027	1,027
Indonesia	—	—	—	—	—	—	—	—	—	—
Italy	—	—	160	1,646	—	4,998	4,998	—	399	399
Korea, South	—	—	—	86	—	536	536	—	893	893
Latvia	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	61	481	—	—	—	—	—	—
Mexico	368,067	5,039	359	4,040	—	—	—	—	2,442	2,442
Netherlands	—	—	167	4,328	—	1,040	1,040	—	769	769
Netherlands Antilles	—	310	—	—	—	—	—	—	849	849
Norway	6,097	369	—	6,089	—	—	—	—	332	332
Oman	1,004	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	915	—	856	856	—	—	—
Russia	42,287	—	—	67,653	—	—	—	—	2,316	2,316
Spain	—	—	178	149	—	1,143	1,143	—	537	537
Sweden	—	—	—	648	—	251	251	—	196	196
Syria	1,076	—	—	1,500	—	—	—	—	134	134
Trinidad and Tobago	11,376	—	—	1,296	—	—	—	—	—	—
United Kingdom	10,384	140	—	1,052	—	281	281	—	96	96
Vietnam	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	4,089	—	—	—	—	1,952	1,952
Yemen	—	—	—	—	—	—	—	—	—	—
Other	11,433	3,170	126	4,599	—	0	0	—	1,743	1,743
Total	1,659,922	13,465	1,814	154,996	—	10,810	10,810	—	19,588	19,588
Persian Gulf³	434,930	522	—	1,551	—	—	—	—	610	610

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	—	—	—	—	—	—	—	—	—	463	463
Algeria	—	—	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	463	463
Qatar	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—	—	—
Non-OPEC	5	—	—	—	—	—	594	307	45	256	1,202
Argentina	—	—	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	22	—	—	—	22
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	—	—	13	—	—	—	13
Brazil	—	—	—	—	—	—	—	—	—	119	119
Brunei	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	—	—	—	152	—	—	152
Chad	—	—	—	—	—	—	—	—	—	—	—
China	—	—	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—	—	—
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	110	—	—	110
Finland	—	—	—	—	—	—	—	—	—	—	—
France	—	—	—	—	—	—	59	—	—	—	59
Gabon	—	—	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	45	—	—	45
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	—	—	—	—	—
Korea, South	—	—	—	—	—	—	—	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	7	—	—	—	7
Mexico	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	—	—	—	—	—	214	—	45	—	259
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Russia	5	—	—	—	—	—	247	—	—	70	317
Spain	—	—	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—	—	—
Syria	—	—	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	—	—	—	—	—
Other	0	—	—	—	—	—	32	0	0	67	99
Total	5	—	—	—	—	—	594	307	45	719	1,665
Persian Gulf³	—	—	—	—	—	—	—	—	—	—	—

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
OPEC	—	—	—	50	406	—	244	602	846
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	38	38
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	244	—	244
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	406	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	50	—	—	—	564	564
Non-OPEC	—	—	—	977	2,908	925	4,741	23,477	29,143
Argentina	—	—	—	—	80	—	—	—	—
Aruba	—	—	—	—	—	—	—	149	149
Australia	—	—	—	—	—	—	—	—	—
Bahamas	—	—	—	—	—	—	—	106	106
Bahrain	—	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	130	142	63	137	342
Brazil	—	—	—	—	—	—	550	385	935
Brunei	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	—	—
Canada	—	—	—	—	563	—	—	218	218
Chad	—	—	—	—	—	—	—	20	20
China	—	—	—	—	22	—	—	—	—
Colombia	—	—	—	—	—	—	212	1,589	1,801
Congo (Brazzaville)	—	—	—	—	—	—	—	—	—
Denmark	—	—	—	—	—	—	—	—	—
Egypt	—	—	—	—	—	—	—	—	—
Equatorial Guinea	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	—	—	—	—	250	250
Finland	—	—	—	—	—	—	34	—	34
France	—	—	—	—	24	—	—	—	—
Gabon	—	—	—	25	—	—	—	—	—
Germany	—	—	—	—	15	—	—	14	14
Guatemala	—	—	—	—	—	—	—	—	—
India	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Italy	—	—	—	—	11	—	—	—	—
Korea, South	—	—	—	319	1,773	—	—	—	—
Latvia	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	1	—	—	—	7,398	7,398
Netherlands	—	—	—	—	30	159	595	378	1,132
Netherlands Antilles	—	—	—	—	—	—	432	—	432
Norway	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—
Russia	—	—	—	—	—	107	1,985	12,392	14,484
Spain	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	14	74	88
Syria	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	—	—	—	—	—	30	30
United Kingdom	—	—	—	—	12	—	323	46	369
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	—	—
Yemen	—	—	—	—	—	—	200	—	200
Other	—	—	—	632	248	517	333	291	1,141
Total	—	—	—	1,027	3,314	925	4,985	24,079	29,989
Persian Gulf³	—	—	—	—	406	—	—	38	38

See footnotes at end of table.

Table 47. PAD District 3 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks		Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
OPEC	2,575	16,006	—	421	—	398	—	55,882	1,024,109	2,899	167	3,066
Algeria	1,676	15,555	—	—	—	—	—	34,684	82,395	143	104	247
Angola	203	—	—	—	—	—	—	4,049	57,377	160	12	172
Ecuador	—	—	—	—	—	—	—	376	4,645	13	1	14
Iran	—	—	—	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	38	97,874	293	0	293
Kuwait	—	—	—	348	—	—	—	348	61,846	184	1	185
Libya	195	422	—	—	—	—	—	1,271	3,565	7	4	11
Nigeria	95	—	—	—	—	—	—	4,048	157,080	458	12	470
Qatar	—	—	—	—	—	215	—	215	2,158	6	1	6
Saudi Arabia	18	—	—	—	—	—	—	2,059	274,111	815	6	821
United Arab Emirates	—	—	—	—	—	—	—	1,048	2,649	5	3	8
Venezuela	388	29	—	73	—	183	—	7,746	280,409	816	23	840
Non-OPEC	13,360	11,781	315	1,723	—	4,748	31	232,316	924,011	2,071	696	2,767
Argentina	76	50	—	586	—	9	—	801	1,302	2	2	4
Aruba	1,197	—	—	—	—	—	—	11,506	11,506	—	34	34
Australia	14	—	—	—	—	—	—	14	14	—	0	0
Bahamas	—	—	—	—	—	—	—	1,519	1,519	—	5	5
Bahrain	—	—	—	—	—	—	—	—	—	—	—	—
Belgium	455	315	—	—	—	26	31	13,026	13,026	—	39	39
Brazil	170	—	—	17	—	—	—	3,525	56,437	158	11	169
Brunei	—	—	—	—	—	—	—	—	—	—	—	—
Cameroon	—	—	—	—	—	—	—	357	357	—	1	1
Canada	540	156	—	222	—	7	—	2,586	46,538	132	8	139
Chad	—	—	—	—	—	—	—	20	15,530	46	0	46
China	—	—	170	61	—	—	—	254	254	—	1	1
Colombia	21	—	—	—	—	—	—	3,967	105,214	303	12	315
Congo (Brazzaville)	—	—	—	—	—	—	—	—	5,681	17	—	17
Denmark	—	—	—	—	—	—	—	207	207	—	1	1
Egypt	—	—	—	—	—	—	—	35	35	—	0	0
Equatorial Guinea	—	1,504	—	—	—	—	—	1,504	8,438	21	5	25
Estonia	—	—	—	—	—	—	—	1,520	1,520	—	5	5
Finland	59	—	—	—	—	133	—	401	401	—	1	1
France	15	203	—	—	—	47	—	1,774	1,774	—	5	5
Gabon	—	—	—	—	—	—	—	25	9,967	30	0	30
Germany	58	—	—	70	—	24	—	461	461	—	1	1
Guatemala	—	—	—	—	—	—	—	—	3,292	10	—	10
India	14	—	—	—	—	—	—	3,674	3,674	—	11	11
Indonesia	—	—	—	—	—	285	—	285	285	—	1	1
Italy	450	—	—	—	—	166	—	7,830	7,830	—	23	23
Korea, South	1,168	—	—	—	—	3,361	—	8,136	8,136	—	24	24
Latvia	—	—	—	—	—	—	—	—	—	—	—	—
Lithuania	—	—	—	—	—	—	—	—	—	—	—	—
Malaysia	—	—	98	—	—	19	—	666	666	—	2	2
Mexico	5,346	—	—	—	—	21	—	24,646	392,713	1,102	74	1,176
Netherlands	345	—	—	—	—	254	—	8,324	8,324	—	25	25
Netherlands Antilles	—	—	—	—	—	82	—	1,673	1,673	—	5	5
Norway	426	2,241	—	—	—	—	—	9,457	15,554	18	28	47
Oman	—	—	—	—	—	—	—	—	1,004	3	—	3
Portugal	—	—	—	—	—	20	—	1,791	1,791	—	5	5
Russia	778	7,158	—	—	—	27	—	92,738	135,025	127	278	404
Spain	255	154	—	623	—	—	—	3,039	3,039	—	9	9
Sweden	32	—	—	—	—	—	—	1,215	1,215	—	4	4
Syria	221	—	—	—	—	—	—	1,855	2,931	3	6	9
Trinidad and Tobago	—	—	—	—	—	—	—	1,326	12,702	34	4	38
United Kingdom	195	—	—	24	—	214	—	2,383	12,767	31	7	38
Vietnam	—	—	—	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	6,041	6,041	—	18	18
Yemen	—	—	—	—	—	—	—	200	200	—	1	1
Other	1,525	0	47	120	—	53	0	13,535	24,968	34	40	76
Total	15,935	27,787	315	2,144	—	5,146	31	288,198	1,948,120	4,970	863	5,833
Persian Gulf³	18	—	—	348	—	215	—	3,708	438,638	1,302	11	1,313

— = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels)

Country of Origin	Crude Oil ^{1,2}	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils ¹	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reform-ulated	Conven- tional	Total	Reform-ulated	Conven- tional	Total
	PAD District 4									
OPEC	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-
Non-OPEC	77,494	-	2,741	-	-	-	-	-	-	-
Canada	77,494	-	2,741	-	-	-	-	-	-	-
Other	0	-	0	-	-	-	-	-	-	-
Total	77,494	-	2,741	-	-	-	-	-	-	-
	PAD District 5									
OPEC	212,243	-	-	8,160	-	-	-	-	-	-
Algeria	-	-	-	7,864	-	-	-	-	-	-
Angola	15,831	-	-	-	-	-	-	-	-	-
Ecuador	61,778	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	43,235	-	-	-	-	-	-	-	-	-
Kuwait	887	-	-	-	-	-	-	-	-	-
Libya	1,034	-	-	-	-	-	-	-	-	-
Nigeria	387	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	83,867	-	-	-	-	-	-	-	-	-
United Arab Emirates	996	-	-	-	-	-	-	-	-	-
Venezuela	4,228	-	-	296	-	-	-	-	-	-
Non-OPEC	173,506	-	1,369	13,785	-	970	970	-	6,511	6,511
Argentina	9,530	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	7,777	-	-	-	-	-	-
Australia	1,741	-	-	-	-	-	-	-	-	-
Brazil	12,991	-	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-
Canada	59,151	-	990	167	-	417	417	-	4,212	4,212
China	615	-	-	-	-	-	-	-	-	-
Colombia	21,487	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-
Indonesia	6,979	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	-	-	30	30
Korea, South	-	-	106	-	-	-	-	-	823	823
Malaysia	-	-	-	-	-	-	-	-	279	279
Mexico	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Oman	11,538	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-
Peru	2,603	-	-	143	-	-	-	-	-	-
Singapore	-	-	-	203	-	-	-	-	125	125
Sweden	-	-	-	30	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	326	326
United Kingdom	-	-	-	-	-	311	311	-	232	232
Vietnam	3,269	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	1,817	-	10	10	-	-	-
Other	43,602	-	273	3,648	-	232	232	-	484	484
Total	385,749	-	1,369	21,945	-	970	970	-	6,511	6,511
Persian Gulf ³	128,985	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil				
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	Total
PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	3	-	-	-	670	138	3	4	815
Canada	-	-	3	-	-	-	670	138	3	4	815
Other	-	-	0	-	-	-	0	0	0	0	0
Total	-	-	3	-	-	-	670	138	3	4	815
PAD District 5											
OPEC	-	-	-	-	-	-	240	-	-	-	240
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	240	-	-	-	240
Non-OPEC	-	-	841	75	-	-	1,398	301	371	4	2,074
Argentina	-	-	-	-	-	-	-	-	-	-	-
Aruba	-	-	-	-	-	-	-	301	-	-	301
Australia	-	-	-	-	-	-	-	-	-	-	-
Brazil	-	-	504	-	-	-	-	-	-	-	-
Brunei	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	44	-	-	-	847	-	21	4	872
China	-	-	-	-	-	-	-	-	-	-	-
Colombia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	-	-	-	-	-	-	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Japan	-	-	-	-	-	-	405	-	-	-	405
Korea, South	-	-	-	-	-	-	146	-	-	-	146
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-	-	-	-	-	-	-	-	-	-	-
Netherlands	-	-	-	-	-	-	-	-	-	-	-
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	-	-	-	-
Singapore	-	-	-	-	-	-	-	-	-	-	-
Sweden	-	-	-	-	-	-	-	-	-	-	-
Taiwan	-	-	-	-	-	-	-	-	-	-	-
United Kingdom	-	-	-	-	-	-	-	-	-	-	-
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	-	-	-	-	-
Other	-	-	293	75	-	-	0	0	350	0	350
Total	-	-	841	75	-	-	1,638	301	371	4	2,314
Persian Gulf³	-	-	-	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil			
						Less than 0.31 % sulfur	0.31 to 1.00 % sulfur	Greater than 1.00 % sulfur	Total
	PAD District 4								
OPEC	—	—	—	—	—	—	—	—	—
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	—	—
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	4	—	—	—	—	26	5	31
Canada	—	4	—	—	—	—	26	5	31
Other	—	0	—	—	—	—	0	0	0
Total	—	4	—	—	—	—	26	5	31
	PAD District 5								
OPEC	—	—	—	12	—	—	—	439	439
Algeria	—	—	—	—	—	—	—	—	—
Angola	—	—	—	—	—	—	—	—	—
Ecuador	—	—	—	—	—	—	—	119	119
Iran	—	—	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	—	—	—	—
Kuwait	—	—	—	—	—	—	—	—	—
Libya	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	320	320
Qatar	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	12	—	—	—	—	—
United Arab Emirates	—	—	—	—	—	—	—	—	—
Venezuela	—	—	—	—	—	—	—	—	—
Non-OPEC	—	1	—	10,903	—	—	250	13,680	13,930
Argentina	—	—	—	—	—	—	—	—	—
Aruba	—	—	—	—	—	—	—	—	—
Australia	—	—	—	—	—	—	—	—	—
Brazil	—	—	—	—	—	—	—	—	—
Brunei	—	—	—	—	—	—	—	—	—
Canada	—	1	—	300	—	—	69	463	532
China	—	—	—	—	—	—	—	—	—
Colombia	—	—	—	—	—	—	—	—	—
Finland	—	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	—	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—
Japan	—	—	—	1,878	—	—	—	—	—
Korea, South	—	—	—	8,513	—	—	—	—	—
Malaysia	—	—	—	—	—	—	—	—	—
Mexico	—	—	—	200	—	—	—	6,800	6,800
Netherlands	—	—	—	—	—	—	—	348	348
Netherlands Antilles	—	—	—	—	—	—	—	—	—
Oman	—	—	—	—	—	—	—	—	—
Papua New Guinea	—	—	—	—	—	—	—	—	—
Peru	—	—	—	—	—	—	—	1,848	1,848
Singapore	—	—	—	—	—	—	—	—	—
Sweden	—	—	—	—	—	—	—	—	—
Taiwan	—	—	—	12	—	—	—	—	—
United Kingdom	—	—	—	—	—	—	—	—	—
Vietnam	—	—	—	—	—	—	—	—	—
Virgin Islands, U.S.	—	—	—	—	—	—	—	813	813
Other	—	0	—	0	—	—	181	3,408	3,589
Total	—	1	—	10,915	—	—	250	14,119	14,369
Persian Gulf ³	—	—	—	12	—	—	—	—	—

See footnotes at end of table.

Table 48. PAD District 4 and 5 - Year-to-Date Imports of Crude Oil and Petroleum Products by Country of Origin, January-November 2011
(Thousand Barrels) — Continued

Country of Origin	Petrochemical Feedstocks									Daily Average		
	Naphtha	Other Oils								Crude Oil	Products	Total
	PAD District 4											
OPEC	-	-	-	-	-	-	-	-	-	-	-	-
Algeria	-	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-	-	-	-	-	-
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-	-	-	-	-	-	-	-	-	-	-	-
Non-OPEC	-	-	-	-	749	2	11	4,356	81,850	232	13	245
Canada	-	-	-	-	749	2	11	4,356	81,850	232	13	245
Other	-	-	-	-	0	0	0	0	0	0	0	0
Total	-	-	-	-	749	2	11	4,356	81,850	232	13	245
	PAD District 5											
OPEC	-	-	-	-	-	-	-	8,851	221,094	635	27	662
Algeria	-	-	-	-	-	-	-	7,864	7,864	-	24	24
Angola	-	-	-	-	-	-	-	-	15,831	47	-	47
Ecuador	-	-	-	-	-	-	-	119	61,897	185	0	185
Iran	-	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	43,235	129	-	129
Kuwait	-	-	-	-	-	-	-	-	887	3	-	3
Libya	-	-	-	-	-	-	-	-	1,034	3	-	3
Nigeria	-	-	-	-	-	-	-	320	707	1	1	2
Qatar	-	-	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	12	83,879	251	0	251
United Arab Emirates	-	-	-	-	-	-	-	-	996	3	-	3
Venezuela	-	-	-	-	-	-	-	536	4,764	13	2	14
Non-OPEC	409	-	323	285	766	74	-	52,316	225,822	519	157	676
Argentina	-	-	-	-	-	-	-	-	9,530	29	-	29
Aruba	-	-	-	-	-	-	-	8,078	8,078	-	24	24
Australia	-	-	-	-	-	-	-	-	1,741	5	-	5
Brazil	-	-	-	-	-	-	-	504	13,495	39	2	40
Brunei	-	-	-	-	-	-	-	-	-	-	-	-
Canada	-	-	-	285	766	57	-	8,643	67,794	177	26	203
China	-	-	193	-	-	-	-	193	808	2	1	2
Colombia	-	-	-	-	-	-	-	-	21,487	64	-	64
Finland	-	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	4	-	-	-	-	4	4	-	0	0
Indonesia	-	-	-	-	-	-	-	-	6,979	21	-	21
Japan	-	-	93	-	-	2	-	2,408	2,408	-	7	7
Korea, South	409	-	-	-	-	15	-	10,012	10,012	-	30	30
Malaysia	-	-	-	-	-	-	-	279	279	-	1	1
Mexico	-	-	-	-	-	-	-	7,000	7,000	-	21	21
Netherlands	-	-	-	-	-	-	-	348	348	-	1	1
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	11,538	35	-	35
Papua New Guinea	-	-	-	-	-	-	-	-	-	-	-	-
Peru	-	-	-	-	-	-	-	1,991	4,594	8	6	14
Singapore	-	-	-	-	-	-	-	403	403	-	1	1
Sweden	-	-	-	-	-	-	-	30	30	-	0	0
Taiwan	-	-	-	-	-	-	-	338	338	-	1	1
United Kingdom	-	-	-	-	-	-	-	543	543	-	2	2
Vietnam	-	-	-	-	-	-	-	-	3,269	10	-	10
Virgin Islands, U.S.	-	-	-	-	-	-	-	2,640	2,640	-	8	8
Other	0	-	33	0	0	0	-	8,902	52,504	129	26	157
Total	409	-	323	285	766	74	-	61,167	446,916	1,155	183	1,338
Persian Gulf ³	-	-	-	-	-	-	-	12	128,997	386	0	386

- = No Data Reported.

¹ Crude oil and unfinished oils are reported by PAD District of processing; all other products are reported by PAD District of Entry.

² Includes crude oil imported for storage in the Strategic Petroleum Reserve.

³ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: Energy Information Administration (EIA) Form EIA-814, "Monthly Imports Report."

Table 49. Exports of Crude Oil and Petroleum Products by PAD District, November 2011
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	287	1,639	—	2	0	1,928	64
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	41	2,336	3,288	350	504	6,519	217
Pentanes Plus	7	2,156	60	273	52	2,547	85
Liquefied Petroleum Gases	34	181	3,228	77	452	3,972	132
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	28	48	3,167	9	405	3,657	122
Normal Butane/Butylene	6	133	61	68	48	315	11
Isobutane/Isobutylene	—	—	—	—	—	—	—
Other Liquids	868	595	4,609	1	179	6,251	208
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	847	592	3,616	1	33	5,089	170
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	2	0	1,451	—	2	1,455	48
Methyl Tertiary Butyl Ether (MTBE)	1	—	1,085	—	1	1,087	36
Other Oxygenates	1	0	365	—	1	368	12
Renewable Fuels (including Fuel Ethanol) ...	845	592	2,165	1	31	3,634	121
Fuel Ethanol ²	845	592	2,165	1	31	3,634	121
Biomass-Based Diesel	—	—	—	—	—	—	—
Other Renewable Diesel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)	21	3	993	0	145	1,162	39
Reformulated	0	—	40	—	38	78	3
Conventional	21	3	953	0	107	1,084	36
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	6,635	1,345	64,529	53	8,195	80,757	2,692
Finished Motor Gasoline	44	—	17,482	—	1,246	18,772	626
Reformulated	4	—	108	—	120	232	8
Conventional	40	—	17,374	—	1,126	18,540	618
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	97	111	2,412	—	554	3,173	106
Kerosene	98	12	4	—	17	130	4
Distillate Fuel Oil	3,625	317	22,412	27	1,905	28,286	943
15 ppm sulfur and under ³	1,742	—	16,304	—	1,284	19,330	644
Greater than 15 ppm to 500 ppm sulfur ³	771	220	2,854	27	579	4,450	148
Greater than 500 ppm sulfur	1,112	97	3,254	—	42	4,506	150
Residual Fuel Oil	1,633	100	8,897	5	699	11,334	378
Naphtha for Petro. Feed. Use	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use	—	—	—	—	—	—	—
Special Naphthas	6	0	1,444	—	1	1,452	48
Lubricants	144	228	1,026	8	193	1,598	53
Waxes	78	31	46	0	7	162	5
Petroleum Coke	647	345	10,669	—	3,439	15,100	503
Asphalt and Road Oil	242	200	119	13	134	709	24
Miscellaneous Products	21	1	18	—	1	41	1
Total	7,831	5,915	72,426	406	8,878	95,456	3,182

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports include industrial alcohol.

³ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 50. Year-to-Date Exports of Crude Oil and Petroleum Products by PAD District, January-November 2011
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total	
	1	2	3	4	5	Total	Daily Average
Crude Oil¹	2,047	12,030	1,237	190	8	15,512	46
Natural Gas Plant Liquids and Liquefied							
Refinery Gases	3,706	13,428	39,062	2,006	5,460	63,662	191
Pentanes Plus	2,063	10,101	138	1,143	277	13,722	41
Liquefied Petroleum Gases	1,642	3,327	38,925	863	5,183	49,940	150
Ethane/Ethylene	—	—	—	—	—	—	—
Propane/Propylene	384	479	36,839	56	3,670	41,427	124
Normal Butane/Butylene	1,259	2,848	2,086	807	1,513	8,513	25
Isobutane/Isobutylene	—	—	—	—	—	—	—
Other Liquids	7,091	6,713	43,941	26	1,520	59,292	178
Hydrogen/Oxygenates/Renewables/ Other Hydrocarbons	6,522	5,270	30,660	26	641	43,120	129
Hydrogen	—	—	—	—	—	—	—
Oxygenates (excluding Fuel Ethanol)	28	10	18,714	0	27	18,780	56
Methyl Tertiary Butyl Ether (MTBE)	24	6	12,492	—	10	12,532	38
Other Oxygenates	5	4	6,222	0	17	6,248	19
Renewable Fuels (including Fuel Ethanol) ...	6,494	5,260	11,946	26	614	24,340	73
Fuel Ethanol ²	6,494	5,260	11,946	26	614	24,340	73
Biomass-Based Diesel	—	—	—	—	—	—	—
Other Renewable Diesel	—	—	—	—	—	—	—
Other Renewable Fuels	—	—	—	—	—	—	—
Other Hydrocarbons	—	—	—	—	—	—	—
Motor Gasoline Blend.Comp. (MGBC)	569	1,443	13,281	0	879	16,171	48
Reformulated	9	2	364	—	38	413	1
Conventional	560	1,441	12,916	0	840	15,759	47
Aviation Gasoline Blend. Comp.	—	—	—	—	—	—	—
Finished Petroleum Products	82,724	15,100	618,423	832	101,605	818,684	2,451
Finished Motor Gasoline	1,602	1,329	138,191	0	14,551	155,674	466
Reformulated	89	1	697	—	1,937	2,724	8
Conventional	1,513	1,328	137,494	0	12,614	152,950	458
Finished Aviation Gasoline	—	—	—	—	—	—	—
Kerosene-Type Jet Fuel	2,335	1,606	19,390	10	7,957	31,297	94
Kerosene	186	111	1,124	104	164	1,689	5
Distillate Fuel Oil	39,188	1,581	211,016	39	24,954	276,778	829
15 ppm sulfur and under ³	11,936	1	156,495	8	14,883	183,323	549
Greater than 15 ppm to 500 ppm sulfur ³	18,899	862	32,442	30	7,800	60,034	180
Greater than 500 ppm sulfur	8,352	718	22,079	1	2,271	33,422	100
Residual Fuel Oil	26,225	1,611	105,825	91	8,975	142,726	427
Naphtha for Petro. Feed. Use	—	—	—	—	—	—	—
Other Oils for Petro. Feed. Use	—	—	—	—	—	—	—
Special Naphthas	448	4	11,303	0	1,075	12,830	38
Lubricants	2,017	2,129	15,876	80	2,809	22,911	69
Waxes	806	338	603	2	63	1,812	5
Petroleum Coke	6,558	3,917	111,637	1	39,755	161,869	485
Asphalt and Road Oil	3,148	2,463	3,166	505	1,272	10,554	32
Miscellaneous Products	212	10	293	0	29	544	2
Total	95,568	47,272	702,663	3,054	108,593	957,150	2,866

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports include industrial alcohol.

³ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under due to product detail limitations in the exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, November 2011
(Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	0	0	—	—	107	107	—	—	—
Australia	—	0	0	—	—	—	—	0	1	1
Bahamas	—	—	3	—	1	56	57	—	1	1
Bahrain	—	—	—	—	—	—	—	—	—	—
Belgium	—	—	0	—	—	—	—	—	0	0
Belize	—	—	—	—	—	43	43	—	—	—
Brazil	—	5	550	—	—	1,193	1,193	—	0	0
Canada	1,928	2,475	349	—	120	139	259	—	103	103
Cayman Islands	—	—	—	—	—	14	14	—	—	—
Chile	—	1	0	—	—	310	310	0	—	0
China	—	0	—	—	—	—	—	—	0	0
Colombia	—	0	—	—	—	1,064	1,064	—	0	0
Costa Rica	—	—	0	—	—	641	641	—	0	0
Denmark	—	—	0	—	—	—	—	—	—	—
Dominican Republic	—	0	—	—	—	—	—	—	0	0
Ecuador	—	—	—	—	—	776	776	—	—	—
Egypt	—	—	—	—	—	—	—	—	—	—
El Salvador	—	—	—	—	—	275	275	—	0	0
Finland	—	—	—	—	—	—	—	—	—	—
France	—	20	0	—	—	—	—	—	—	—
Germany	—	0	0	—	—	—	—	—	0	0
Ghana	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	—	—	—	—	—	—	1	1
Guatemala	—	—	35	—	—	815	815	—	3	3
Honduras	—	—	545	—	—	391	391	—	—	—
Hong Kong	—	—	—	—	—	—	—	—	—	—
India	—	0	0	—	—	0	0	—	—	—
Indonesia	—	—	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—
Israel	—	—	—	—	—	—	—	—	0	0
Italy	—	0	—	—	—	—	—	—	0	0
Jamaica	—	—	—	—	—	40	40	—	9	9
Japan	—	2	—	—	—	1	1	—	0	0
Korea, South	—	7	0	—	—	0	0	—	2	2
Lebanon	—	—	—	—	—	—	—	—	—	—
Mexico	—	29	2,381	—	108	9,916	10,023	40	949	989
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	—	—	—	632	632	—	7	7
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	0	—	—	—	—	—	1	1
Nicaragua	—	—	—	—	—	0	0	—	0	0
Nigeria	—	—	—	—	—	188	188	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	1	1	—	—	—
Panama	—	—	98	—	—	264	264	—	—	—
Peru	—	—	0	—	—	295	295	—	—	—
Philippines	—	—	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	4	0	—	—	—	—	0	2	2
Romania	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	—	0	0	—	—	—	—	—	0	0
South Africa	—	—	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	852	852	—	0	0
Switzerland	—	0	—	—	—	—	—	—	—	—
Taiwan	—	0	—	—	—	—	—	38	—	38
Thailand	—	0	0	—	—	—	—	—	—	—
Trinidad and Tobago	—	0	—	—	—	—	—	—	0	0
Turkey	—	—	1	—	—	—	—	—	—	—
United Arab Emirates	—	0	—	—	—	0	0	—	0	0
United Kingdom	—	—	2	—	—	285	285	—	—	—
Venezuela	—	2	—	—	—	—	—	—	—	—
Other	—	2	8	—	3	242	246	—	5	5
Total	1,928	2,547	3,972	—	232	18,540	18,772	78	1,084	1,162

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, November 2011
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil ³				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol ²	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	—	0	0	—	—	—	615	468	—	—	1,083
Australia	—	0	3	—	—	—	—	0	—	—	0
Bahamas	—	—	—	—	—	—	20	284	—	—	304
Bahrain	—	—	—	—	—	—	—	—	—	—	—
Belgium	4	0	57	—	—	—	455	0	300	—	755
Belize	—	—	—	—	—	—	—	43	—	—	43
Brazil	—	—	1,714	—	—	—	—	302	—	—	302
Canada	—	0	645	—	—	—	—	618	139	—	757
Cayman Islands	—	—	—	—	—	—	—	27	—	—	27
Chile	—	0	1	—	—	—	2,249	—	623	—	2,872
China	0	0	—	—	—	—	0	0	—	—	0
Colombia	—	0	0	—	—	—	1,547	1	—	—	1,547
Costa Rica	—	0	0	—	—	—	615	—	—	—	615
Denmark	—	—	—	—	—	—	—	—	—	—	—
Dominican Republic	—	—	0	—	—	—	—	373	—	—	373
Ecuador	—	—	—	—	—	—	210	187	615	—	1,013
Egypt	—	—	—	—	—	—	—	—	199	—	199
El Salvador	—	—	0	—	—	—	113	30	99	—	242
Finland	—	—	121	—	—	—	—	—	—	—	—
France	—	0	0	—	—	—	600	1	—	—	601
Germany	—	—	0	—	—	—	1,059	—	—	—	1,059
Ghana	—	—	—	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	409	51	613	—	1,073
Greece	—	—	—	—	—	—	—	—	—	—	—
Guatemala	—	—	—	—	—	—	94	576	163	—	833
Honduras	—	—	—	—	—	—	40	151	55	—	246
Hong Kong	—	—	0	—	—	—	—	—	—	—	—
India	1	0	237	—	—	—	—	0	—	—	0
Indonesia	—	—	—	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—	—	—	—
Israel	—	0	1	—	—	—	—	—	—	—	—
Italy	—	—	—	—	—	—	399	—	—	—	399
Jamaica	—	—	75	—	—	—	—	—	—	—	—
Japan	0	285	1	—	—	—	—	0	—	—	0
Korea, South	1	0	55	—	—	—	—	3	—	—	3
Lebanon	—	—	0	—	—	—	—	—	50	—	50
Mexico	401	81	50	—	—	—	3,754	850	15	—	4,619
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	861	—	—	—	861
Mozambique	—	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	261	—	—	—	3,400	185	—	—	3,584
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	—	—	0	—	—	0
Nicaragua	—	—	—	—	—	—	—	—	—	—	—
Nigeria	—	—	—	—	—	—	—	—	—	—	—
Norway	—	—	—	—	—	—	—	—	—	—	—
Pakistan	—	—	—	—	—	—	—	—	—	—	—
Panama	—	0	—	—	—	—	111	33	714	—	858
Peru	—	0	25	—	—	—	1,202	—	552	—	1,754
Philippines	—	0	1	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	—	—	—	—
Puerto Rico	—	0	4	—	—	—	—	—	—	—	—
Romania	—	—	—	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	—	—	—	—	—	—	—
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	—	0	0	—	—	—	—	0	—	—	0
South Africa	—	—	1	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	—	440	—	—	—	440
Switzerland	—	—	—	—	—	—	—	—	—	—	—
Taiwan	—	—	0	—	—	—	—	—	—	—	—
Thailand	—	0	—	—	—	—	—	—	—	—	—
Trinidad and Tobago	—	—	1	—	—	—	—	—	—	—	—
Turkey	—	—	1	—	—	—	572	—	—	—	572
United Arab Emirates	—	—	—	—	—	—	—	—	—	—	—
United Kingdom	—	—	380	—	—	—	525	—	—	—	525
Venezuela	680	0	—	—	—	—	—	—	—	—	—
Other	—	2	—	—	—	—	40	267	369	—	677
Total	1,087	368	3,634	—	—	—	19,330	4,450	4,506	—	28,286

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, November 2011
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	—	—	—	64	0	0	—	—
Australia	—	—	—	0	0	0	—	—
Bahamas	—	—	—	34	16	798	—	—
Bahrain	—	—	—	—	—	—	—	—
Belgium	—	—	—	—	0	0	—	—
Belize	—	—	—	9	—	—	—	—
Brazil	—	—	—	293	26	0	—	—
Canada	123	—	—	1,356	1	1,293	—	—
Cayman Islands	—	—	—	10	52	0	—	—
Chile	3	—	—	145	1	296	—	—
China	—	—	—	—	0	0	—	—
Colombia	—	—	—	—	384	0	—	—
Costa Rica	—	—	—	123	—	160	—	—
Denmark	—	—	—	—	—	—	—	—
Dominican Republic	—	—	—	56	32	1	—	—
Ecuador	—	—	—	4	—	210	—	—
Egypt	—	—	—	—	—	—	—	—
El Salvador	—	—	—	63	—	0	—	—
Finland	—	—	—	311	—	—	—	—
France	—	—	—	—	—	—	—	—
Germany	—	—	—	—	—	0	—	—
Ghana	—	—	—	—	—	—	—	—
Gibraltar	—	—	—	—	—	—	—	—
Greece	—	—	—	16	—	—	—	—
Guatemala	—	—	—	68	—	15	—	—
Honduras	—	—	—	53	6	226	—	—
Hong Kong	—	—	—	—	—	1	—	—
India	—	—	—	—	—	1	—	—
Indonesia	—	—	—	—	—	—	—	—
Ireland	—	—	—	—	—	—	—	—
Israel	—	—	—	235	3	0	—	—
Italy	—	—	—	—	—	—	—	—
Jamaica	—	—	—	—	—	19	—	—
Japan	0	—	—	—	104	211	—	—
Korea, South	—	—	—	—	0	—	—	—
Lebanon	—	—	—	—	—	725	—	—
Mexico	0	—	—	0	17	17	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—
Netherlands	1	—	—	—	0	1,018	—	—
Netherlands Antilles	—	—	—	—	—	—	—	—
New Zealand	—	—	—	—	—	0	—	—
Nicaragua	—	—	—	—	—	0	—	—
Nigeria	—	—	—	—	—	0	—	—
Norway	—	—	—	—	—	1	—	—
Pakistan	—	—	—	—	—	—	—	—
Panama	—	—	—	286	—	2,054	—	—
Peru	0	—	—	—	38	0	—	—
Philippines	—	—	—	—	0	0	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	—	—	—	—	1	303	—	—
Romania	—	—	—	—	—	—	—	—
Saudi Arabia	—	—	—	—	4	1	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	1	3,630	—	—
South Africa	—	—	—	—	—	—	—	—
Spain	—	—	—	—	—	0	—	—
Switzerland	—	—	—	—	—	0	—	—
Taiwan	—	—	—	—	0	—	—	—
Thailand	—	—	—	—	47	0	—	—
Trinidad and Tobago	—	—	—	—	0	0	—	—
Turkey	—	—	—	—	—	—	—	—
United Arab Emirates	—	—	—	—	0	2	—	—
United Kingdom	2	—	—	—	0	156	—	—
Venezuela	—	—	—	—	404	1	—	—
Other	1	—	—	47	315	195	—	—
Total	130	—	—	3,173	1,452	11,334	—	—

See footnotes at end of table.

Table 51. Exports of Crude Oil and Petroleum Products by Destination, November 2011
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	1	0	—	7	—	1,262	1,262	—	42	42
Australia	0	292	0	25	0	322	322	—	11	11
Bahamas	—	—	0	3	1	1,218	1,218	—	41	41
Bahrain	0	—	—	1	—	1	1	—	0	0
Belgium	0	81	0	210	0	1,110	1,110	—	37	37
Belize	—	—	—	3	—	98	98	—	3	3
Brazil	0	893	0	122	1	5,099	5,099	—	170	170
Canada	103	902	395	311	3	9,076	11,005	64	303	367
Cayman Islands	—	—	2	1	—	106	106	—	4	4
Chile	1	—	1	30	0	3,661	3,661	—	122	122
China	3	5,205	47	16	1	5,273	5,273	—	176	176
Colombia	1	1	1	74	0	3,074	3,074	—	102	102
Costa Rica	0	—	—	18	—	1,557	1,557	—	52	52
Denmark	0	169	—	0	—	170	170	—	6	6
Dominican Republic	0	—	0	25	0	488	488	—	16	16
Ecuador	0	—	0	4	—	2,006	2,006	—	67	67
Egypt	—	—	—	0	—	199	199	—	7	7
El Salvador	—	—	—	3	—	583	583	—	19	19
Finland	—	—	—	9	—	440	440	—	15	15
France	3	229	0	1	0	855	855	—	28	28
Germany	0	—	3	22	0	1,086	1,086	—	36	36
Ghana	—	—	0	0	0	0	0	—	0	0
Gibraltar	—	—	—	—	—	1,073	1,073	—	36	36
Greece	—	217	0	0	—	234	234	—	8	8
Guatemala	—	—	0	15	0	1,785	1,785	—	60	60
Honduras	—	—	—	7	—	1,474	1,474	—	49	49
Hong Kong	0	—	8	2	0	11	11	—	0	0
India	1	500	1	17	0	757	757	—	25	25
Indonesia	0	—	6	2	—	7	7	—	0	0
Ireland	—	—	—	0	1	1	1	—	0	0
Israel	—	0	—	87	—	327	327	—	11	11
Italy	0	108	2	0	0	510	510	—	17	17
Jamaica	—	—	—	3	0	145	145	—	5	5
Japan	0	1,319	2	7	2	1,936	1,936	—	65	65
Korea, South	0	731	10	2	0	813	813	—	27	27
Lebanon	—	116	—	1	—	891	891	—	30	30
Mexico	43	1,448	128	346	16	20,590	20,590	—	686	686
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	0	326	—	—	—	1,187	1,187	—	40	40
Mozambique	—	41	—	—	—	41	41	—	1	1
Netherlands	1	388	1	2	4	5,900	5,900	—	197	197
Netherlands Antilles	—	—	—	—	—	—	—	—	—	—
New Zealand	0	56	—	1	—	58	58	—	2	2
Nicaragua	—	—	33	4	—	37	37	—	1	1
Nigeria	—	—	—	1	—	189	189	—	6	6
Norway	0	84	—	2	—	88	88	—	3	3
Pakistan	—	1	—	1	—	2	2	—	0	0
Panama	—	—	—	10	0	3,570	3,570	—	119	119
Peru	0	0	0	40	0	2,154	2,154	—	72	72
Philippines	0	—	—	2	0	4	4	—	0	0
Portugal	—	—	—	—	—	—	—	—	—	—
Puerto Rico	0	—	0	13	—	328	328	—	11	11
Romania	—	—	—	1	—	1	1	—	0	0
Saudi Arabia	—	1	—	1	—	8	8	—	0	0
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	0	—	—	6	—	3,637	3,637	—	121	121
South Africa	0	52	—	17	—	70	70	—	2	2
Spain	1	270	0	0	—	1,564	1,564	—	52	52
Switzerland	—	—	—	0	0	0	0	—	0	0
Taiwan	0	256	1	4	0	300	300	—	10	10
Thailand	0	—	2	10	0	60	60	—	2	2
Trinidad and Tobago	—	—	—	15	0	16	16	—	1	1
Turkey	—	816	—	9	—	1,398	1,398	—	47	47
United Arab Emirates	0	1	—	1	—	5	5	—	0	0
United Kingdom	0	302	2	17	0	1,671	1,671	—	56	56
Venezuela	—	—	0	15	0	1,103	1,103	—	37	37
Other	4	295	64	52	12	1,898	1,898	—	62	62
Total	162	15,100	709	1,598	41	93,527	95,456	64	3,118	3,182

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports include industrial alcohol.

³ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-November 2011
(Thousand Barrels)

Destination	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
Argentina	—	0	1	—	—	1,432	1,432	—	1	1
Australia	—	0	3	—	1	0	1	0	5	5
Bahamas	—	—	489	—	15	909	924	0	124	124
Bahrain	—	—	—	—	—	2	2	—	0	0
Belgium	—	2	2	—	—	1	1	—	58	58
Belize	—	—	0	—	—	414	414	—	0	0
Brazil	—	5	3,833	—	—	7,919	7,919	—	1,019	1,019
Canada	15,178	13,560	6,591	—	1,932	3,453	5,384	—	2,871	2,871
Cayman Islands	—	0	—	—	—	164	164	—	0	0
Chile	—	2	3,610	—	—	3,682	3,682	0	10	10
China	—	7	0	—	0	292	292	—	11	11
Colombia	—	1	14	—	1	1,798	1,799	—	26	26
Costa Rica	334	0	151	—	—	3,417	3,417	0	4	5
Denmark	—	—	1	—	0	—	0	—	—	—
Dominican Republic	—	0	4,498	—	—	370	370	0	3	3
Ecuador	—	1	2,179	—	0	8,767	8,767	0	2	2
Egypt	—	0	—	—	—	0	0	—	0	0
El Salvador	—	—	—	—	—	2,369	2,369	—	1	1
Finland	—	—	—	—	—	1	1	—	39	39
France	—	42	1	—	—	1	1	—	4	4
Germany	—	1	2	—	—	295	295	0	3	3
Ghana	—	—	—	—	—	—	—	—	0	0
Gibraltar	—	—	—	—	—	—	—	—	—	—
Greece	—	—	0	—	—	203	203	—	4	4
Guatemala	—	—	1,080	—	—	6,142	6,142	—	14	14
Honduras	—	—	3,430	—	—	2,958	2,958	—	2	2
Hong Kong	—	—	0	—	—	—	—	—	1	1
India	—	1	1	—	3	0	3	—	0	0
Indonesia	—	—	—	—	—	—	—	—	—	—
Ireland	—	—	1	—	—	—	—	—	—	—
Israel	—	0	4	—	0	241	241	—	0	0
Italy	—	0	1	—	3	0	3	—	1	1
Jamaica	—	—	10	—	—	297	297	—	9	9
Japan	—	3	914	—	3	23	25	0	3	3
Korea, South	—	7	76	—	0	0	1	—	21	21
Lebanon	—	—	—	—	—	—	—	—	1	1
Mexico	—	67	13,484	—	698	90,320	91,018	174	11,100	11,274
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	—	—	—	—
Mozambique	—	—	—	—	—	—	—	—	—	—
Netherlands	—	0	7,065	—	—	1,699	1,699	1	111	111
Netherlands Antilles	—	—	—	—	—	5	5	—	1	1
New Zealand	—	—	1	—	2	0	2	—	1	1
Nicaragua	—	—	—	—	—	3	3	—	4	4
Nigeria	—	0	0	—	—	1,905	1,905	—	11	11
Norway	—	—	—	—	—	0	0	—	0	0
Pakistan	—	0	—	—	—	1	1	—	—	—
Panama	—	0	547	—	—	4,488	4,488	0	1	1
Peru	—	1	7	—	—	854	854	—	36	36
Philippines	—	—	0	—	—	25	25	—	0	0
Portugal	—	—	388	—	—	—	—	—	0	0
Puerto Rico	—	8	5	—	0	1	1	4	11	15
Romania	—	—	—	—	—	—	—	—	1	1
Saudi Arabia	—	—	0	—	—	0	0	—	2	2
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	—	4	0	—	—	0	0	—	10	10
South Africa	—	—	—	—	1	—	1	1	1	2
Spain	—	—	—	—	—	3,786	3,786	—	2	2
Switzerland	—	0	1	—	—	1,153	1,153	0	0	0
Taiwan	—	1	0	—	1	1	2	38	0	38
Thailand	—	3	0	—	—	—	—	—	0	0
Trinidad and Tobago	—	0	0	—	0	240	240	—	1	1
Turkey	—	2	1	—	4	2	6	0	20	20
United Arab Emirates	—	1	3	—	1	5	6	—	16	16
United Kingdom	—	0	732	—	12	1,324	1,336	1	39	40
Venezuela	—	3	441	—	—	—	—	1	4	4
Other	—	—	373	—	47	1,988	2,036	193	150	343
Total	15,512	13,722	49,940	—	2,724	152,950	155,674	413	15,759	16,171

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-November 2011
(Thousand Barrels) — Continued

Destination	Oxygenates		Renewable Fuels				Distillate Fuel Oil ³				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol ²	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
Argentina	256	0	4	—	—	—	3,476	2,560	173	—	6,209
Australia	0	0	227	—	—	—	—	2	—	—	2
Bahamas	—	0	2	—	—	—	256	2,338	1,128	—	3,722
Bahrain	—	—	0	—	—	—	0	—	0	—	0
Belgium	67	3	58	—	—	—	3,529	1,031	312	—	4,871
Belize	—	—	0	—	—	—	213	320	60	—	593
Brazil	0	1	7,665	—	—	—	2,625	2,848	8,709	—	14,182
Canada	11	1	6,211	—	—	—	125	4,081	2,151	—	6,357
Cayman Islands	—	—	—	—	—	—	129	248	153	—	530
Chile	964	0	12	—	—	—	24,473	1,988	623	—	27,085
China	232	2	4	—	—	—	2	5	0	—	8
Colombia	—	0	2	—	—	—	15,580	921	—	—	16,501
Costa Rica	100	0	1	—	—	—	6,249	372	1	—	6,623
Denmark	—	—	—	—	—	—	120	—	—	—	120
Dominican Republic	—	—	1	—	—	—	147	1,984	1,091	—	3,222
Ecuador	—	0	0	—	—	—	1,496	2,966	1,012	—	5,474
Egypt	—	0	2	—	—	—	667	207	199	—	1,073
El Salvador	—	—	0	—	—	—	413	1,052	656	—	2,121
Finland	—	0	1,036	—	—	—	280	—	—	—	280
France	—	314	0	—	—	—	8,989	1,748	298	—	11,035
Germany	0	0	9	—	—	—	3,745	0	3	—	3,748
Ghana	—	—	—	—	—	—	—	545	—	—	545
Gibraltar	300	—	—	—	—	—	13,029	3,103	613	—	16,745
Greece	—	—	—	—	—	—	620	—	—	—	620
Guatemala	12	—	0	—	—	—	794	3,930	2,364	—	7,088
Honduras	—	—	0	—	—	—	502	1,985	651	—	3,137
Hong Kong	—	0	9	—	—	—	—	0	—	—	0
India	2	3	242	—	—	—	0	1	—	—	2
Indonesia	—	0	0	—	—	—	—	—	—	—	—
Ireland	—	0	3	—	—	—	0	—	—	—	0
Israel	—	0	29	—	—	—	—	2	2	—	3
Italy	—	0	0	—	—	—	2,212	176	44	—	2,432
Jamaica	—	—	382	—	—	—	—	0	—	—	0
Japan	0	3,542	47	—	—	—	1	1	—	—	2
Korea, South	2	2	84	—	—	—	183	477	—	—	660
Lebanon	—	—	1	—	—	—	220	241	461	—	921
Mexico	4,426	1,385	619	—	—	—	31,007	2,992	645	—	34,643
Montenegro	—	—	—	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	—	1,458	261	—	—	1,719
Mozambique	—	0	—	—	—	—	—	—	—	—	—
Netherlands	—	0	2,853	—	—	—	34,123	7,818	3,295	—	45,236
Netherlands Antilles	—	—	1	—	—	—	—	290	30	—	320
New Zealand	—	0	—	—	—	—	0	0	0	—	0
Nicaragua	—	—	—	—	—	—	—	0	—	—	0
Nigeria	46	—	420	—	—	—	—	582	—	—	582
Norway	—	—	—	—	—	—	300	—	—	—	300
Pakistan	—	—	—	—	—	—	—	—	0	—	0
Panama	13	0	0	—	—	—	2,628	5,353	2,666	—	10,647
Peru	1	0	153	—	—	—	5,702	1,473	2,241	—	9,416
Philippines	—	0	282	—	—	—	—	—	—	—	—
Portugal	—	—	—	—	—	—	—	0	—	—	0
Puerto Rico	—	2	45	—	—	—	0	43	—	—	43
Romania	—	—	—	—	—	—	301	—	—	—	301
Saudi Arabia	16	0	2	—	—	—	0	303	0	—	303
Serbia	—	—	—	—	—	—	—	—	—	—	—
Singapore	89	6	229	—	—	—	323	450	452	—	1,225
South Africa	—	0	8	—	—	—	856	355	—	—	1,211
Spain	40	982	0	—	—	—	3,676	315	—	—	3,991
Switzerland	—	0	1	—	—	—	—	0	—	—	0
Taiwan	1	0	3	—	—	—	—	2	—	—	2
Thailand	—	0	—	—	—	—	0	0	0	—	0
Trinidad and Tobago	—	0	1	—	—	—	—	0	0	—	1
Turkey	—	0	116	—	—	—	8,796	0	—	—	8,797
United Arab Emirates	—	0	1,263	—	—	—	0	0	—	—	0
United Kingdom	—	2	2,210	—	—	—	1,726	411	0	—	2,138
Venezuela	5,891	0	—	—	—	—	—	0	—	—	0
Other	63	3	103	—	—	—	2,352	4,254	3,389	—	9,992
Total	12,532	6,248	24,340	—	—	—	183,323	60,034	33,422	—	276,778

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-November 2011
(Thousand Barrels) — Continued

Destination	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
Argentina	1	—	—	544	94	3,443	—	—
Australia	1	—	—	19	2	3	—	—
Bahamas	—	—	—	556	259	8,250	—	—
Bahrain	—	—	—	—	—	0	—	—
Belgium	0	—	—	—	79	331	—	—
Belize	—	—	—	100	—	0	—	—
Brazil	56	—	—	892	1,156	1,181	—	—
Canada	1,567	—	—	11,228	13	9,111	—	—
Cayman Islands	—	—	—	98	390	0	—	—
Chile	4	—	—	706	59	1,658	—	—
China	0	—	—	0	8	518	—	—
Colombia	1	—	—	45	1,099	1	—	—
Costa Rica	0	—	—	845	2	346	—	—
Denmark	—	—	—	—	—	0	—	—
Dominican Republic	0	—	—	660	971	706	—	—
Ecuador	1	—	—	12	0	2,187	—	—
Egypt	—	—	—	—	—	7	—	—
El Salvador	0	—	—	565	0	71	—	—
Finland	—	—	—	311	2	—	—	—
France	—	—	—	1,527	—	2	—	—
Germany	0	—	—	—	0	4	—	—
Ghana	—	—	—	—	—	0	—	—
Gibraltar	—	—	—	445	—	1,380	—	—
Greece	—	—	—	44	—	—	—	—
Guatemala	—	—	—	505	2	1,006	—	—
Honduras	—	—	—	541	295	4,134	—	—
Hong Kong	—	—	—	—	0	3	—	—
India	—	—	—	—	2	1	—	—
Indonesia	—	—	—	—	0	127	—	—
Ireland	—	—	—	—	0	0	—	—
Israel	—	—	—	1,882	11	14	—	—
Italy	—	—	—	19	—	1	—	—
Jamaica	0	—	—	74	0	3,076	—	—
Japan	0	—	—	—	652	595	—	—
Korea, South	—	—	—	—	827	708	—	—
Lebanon	1	—	—	—	—	7,019	—	—
Mexico	34	—	—	227	2,804	6,278	—	—
Montenegro	—	—	—	—	—	—	—	—
Morocco	—	—	—	—	—	2,162	—	—
Mozambique	—	—	—	—	—	0	—	—
Netherlands	6	—	—	923	265	16,073	—	—
Netherlands Antilles	—	—	—	—	—	5,050	—	—
New Zealand	—	—	—	—	—	5	—	—
Nicaragua	—	—	—	—	—	0	—	—
Nigeria	—	—	—	1,646	1	0	—	—
Norway	—	—	—	298	—	2	—	—
Pakistan	—	—	—	30	—	0	—	—
Panama	0	—	—	2,834	—	14,836	—	—
Peru	1	—	—	279	119	1	—	—
Philippines	—	—	—	—	1	1	—	—
Portugal	—	—	—	—	—	—	—	—
Puerto Rico	3	—	—	—	7	2,390	—	—
Romania	—	—	—	—	—	0	—	—
Saudi Arabia	—	—	—	—	28	2	—	—
Serbia	—	—	—	—	—	—	—	—
Singapore	—	—	—	—	2	38,590	—	—
South Africa	—	—	—	19	0	1	—	—
Spain	2	—	—	—	0	0	—	—
Switzerland	—	—	—	—	—	0	—	—
Taiwan	—	—	—	—	2	1	—	—
Thailand	—	—	—	—	53	163	—	—
Trinidad and Tobago	0	—	—	—	1	3	—	—
Turkey	3	—	—	—	—	3	—	—
United Arab Emirates	—	—	—	0	6	2,656	—	—
United Kingdom	7	—	—	901	3	2,187	—	—
Venezuela	—	—	—	—	1,126	1,402	—	—
Other	1	—	—	2,522	2,489	5,037	—	—
Total	1,689	—	—	31,297	12,830	142,726	—	—

See footnotes at end of table.

Table 52. Year-to-Date Exports of Crude Oil and Petroleum Products by Destination, January-November 2011
(Thousand Barrels) — Continued

Destination	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products	Daily Average		
								Crude Oil	Products	Total
Argentina	3	412	5	452	0	12,857	12,857	—	38	38
Australia	3	3,021	9	446	2	3,748	3,748	—	11	11
Bahamas	0	—	9	27	14	14,377	14,377	—	43	43
Bahrain	0	433	—	5	—	440	440	—	1	1
Belgium	19	3,097	5	1,632	1	10,226	10,226	—	31	31
Belize	—	4	—	12	—	1,123	1,123	—	3	3
Brazil	6	13,147	292	2,429	13	53,795	53,795	—	161	161
Canada	1,061	10,128	4,444	2,980	63	81,580	96,759	45	244	290
Cayman Islands	0	—	9	16	—	1,207	1,207	—	4	4
Chile	26	1,424	563	787	1	40,592	40,592	—	122	122
China	40	20,132	267	649	5	22,177	22,177	—	66	66
Colombia	4	2	7	1,023	4	20,528	20,528	—	61	61
Costa Rica	1	335	125	210	1	12,162	12,496	1	36	37
Denmark	1	1,261	0	1	0	1,384	1,384	—	4	4
Dominican Republic	2	1,817	244	176	2	12,671	12,671	—	38	38
Ecuador	0	172	120	302	0	19,216	19,216	—	58	58
Egypt	0	493	4	6	0	1,585	1,585	—	5	5
El Salvador	0	199	2	226	0	5,555	5,555	—	17	17
Finland	0	272	1	48	—	1,991	1,991	—	6	6
France	23	2,452	2	287	0	15,690	15,690	—	47	47
Germany	7	1,456	70	328	8	5,930	5,930	—	18	18
Ghana	—	—	0	4	0	549	549	—	2	2
Gibraltar	—	—	—	—	—	18,871	18,871	—	56	56
Greece	0	1,915	1	3	—	2,790	2,790	—	8	8
Guatemala	1	1,185	60	203	2	17,300	17,300	—	52	52
Honduras	0	387	60	124	—	15,068	15,068	—	45	45
Hong Kong	3	0	32	17	2	68	68	—	0	0
India	39	3,955	4	360	2	4,616	4,616	—	14	14
Indonesia	1	0	42	19	0	189	189	—	1	1
Ireland	0	425	—	2	10	441	441	—	1	1
Israel	0	1,618	—	510	0	4,313	4,313	—	13	13
Italy	5	10,309	5	284	0	13,061	13,061	—	39	39
Jamaica	0	121	36	28	2	4,035	4,035	—	12	12
Japan	21	18,353	13	230	30	24,429	24,429	—	73	73
Korea, South	6	2,554	76	75	8	5,107	5,107	—	15	15
Lebanon	0	1,361	—	14	—	9,318	9,318	—	28	28
Mexico	424	17,911	1,364	3,284	280	189,522	189,522	—	567	567
Montenegro	—	—	—	—	—	—	—	—	—	—
Morocco	0	5,712	—	5	—	9,598	9,598	—	29	29
Mozambique	—	930	—	0	—	930	930	—	3	3
Netherlands	82	3,697	916	359	27	79,311	79,311	—	237	237
Netherlands Antilles	0	20	1	3	0	5,401	5,401	—	16	16
New Zealand	0	650	168	19	—	846	846	—	3	3
Nicaragua	—	182	75	73	—	336	336	—	1	1
Nigeria	—	70	86	641	—	5,408	5,408	—	16	16
Norway	1	947	1	5	0	1,556	1,556	—	5	5
Pakistan	0	213	0	8	0	253	253	—	1	1
Panama	0	28	382	196	0	33,971	33,971	—	102	102
Peru	2	1	12	778	1	11,662	11,662	—	35	35
Philippines	1	1	0	18	1	330	330	—	1	1
Portugal	0	1,103	—	1	—	1,492	1,492	—	4	4
Puerto Rico	1	0	199	141	0	2,859	2,859	—	9	9
Romania	—	228	—	3	—	532	532	—	2	2
Saudi Arabia	0	95	—	175	0	623	623	—	2	2
Serbia	—	—	—	—	—	—	—	—	—	—
Singapore	1	0	3	858	1	41,018	41,018	—	123	123
South Africa	9	835	7	184	0	2,276	2,276	—	7	7
Spain	7	10,557	119	6	0	19,494	19,494	—	58	58
Switzerland	0	669	0	2	0	1,827	1,827	—	5	5
Taiwan	1	258	25	115	2	451	451	—	1	1
Thailand	1	7	42	62	4	336	336	—	1	1
Trinidad and Tobago	0	0	1	807	1	1,056	1,056	—	3	3
Turkey	0	9,365	5	122	0	18,439	18,439	—	55	55
United Arab Emirates	0	419	13	136	0	4,521	4,521	—	14	14
United Kingdom	3	790	18	148	1	10,513	10,513	—	31	31
Venezuela	1	587	8	157	1	9,621	9,621	—	29	29
Other	6	4,154	602	690	55	28,467	28,466	—	86	86
Total	1,812	161,869	10,554	22,911	544	941,638	957,150	46	2,819	2,866

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports include industrial alcohol.

³ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2011
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	3,878	5	0	70	-	-32	-32	-	97	97
Algeria	82	5	-	51	-	-	-	-	14	14
Angola	343	-	0	13	-	-	-	-	-	-
Ecuador	176	-	-	-	-	-26	-26	-	5	5
Iran	-	-	-	-	-	-	-	-	-	-
Iraq	395	-	-	-	-	-	-	-	-	-
Kuwait	299	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-
Nigeria	655	-	-	7	-	-6	-6	-	31	31
Qatar	-	-	-	-	-	-	-	-	-	-
Saudi Arabia	1,203	-	-	-	-	-	-	-	17	17
United Arab Emirates	18	0	-	-	-	0	0	-	0	0
Venezuela	707	0	-	-	-	-	-	-	31	31
Non-OPEC	4,884	-45	-5	540	-8	-512	-520	162	412	574
Argentina	43	0	0	-	-	-4	-4	-	-	-
Aruba	-	-	-	60	0	-	0	-	5	5
Australia	37	0	0	-	-	-	-	0	0	0
Bahamas	-	-	0	-	0	-2	-2	-	10	10
Bahrain	-	-	-	-	-	-	-	-	-	-
Belgium	-	-	0	7	-	-	-	-	0	0
Brazil	201	0	-18	2	-	-40	-40	-	0	0
Brunei	-	-	-	-	-	-	-	-	-	-
Cameroon	64	-	-	-	-	-	-	-	-	-
Canada	2,297	-81	110	18	-4	22	18	61	31	92
Chad	32	-	-	-	-	-	-	-	-	-
China	-	0	-	-	-	-	-	-	0	0
Colombia	379	0	-	13	-	-32	-32	-	9	9
Denmark	-	-	0	-	-	-	-	-	-	-
Dominican Republic	-	0	2	-	-	-	-	-	0	0
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	0	-	0
Finland	-	-	-	1	-	-	-	-	3	3
France	-	-1	0	13	-	-	-	-	42	42
Gabon	24	-	-	-	-	-	-	-	-	-
Germany	-	0	0	-	-	-	-	-	1	1
Guatemala	15	-	-1	-	-	-27	-27	-	0	0
Honduras	-	-	-18	-	-	-13	-13	-	-	-
India	-	0	0	-	-	0	0	-	-	-
Indonesia	-	-	-	-	-	-	-	-	-	-
Italy	-	0	-	-	-	23	23	-	5	5
Japan	-	0	-	-	-	0	0	-	0	0
Korea, South	-	0	0	-	-	0	0	-	0	0
Latvia	-	-	-	-	-	-	-	-	11	11
Lithuania	-	-	-	-	-	-	-	-	11	11
Malaysia	-	-	-	-	-	-	-	-	0	0
Mexico	1,157	22	-78	12	-4	-331	-334	-1	-29	-30
Netherlands	-	0	-	2	-	-21	-21	33	56	89
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-
Norway	89	-	1	12	-	-	-	-	50	50
Oman	42	-	-	-	-	-	-	-	0	0
Panama	-	-	-3	-	-	-9	-9	-	-	-
Portugal	-	-	-	-	-	9	9	-	16	16
Puerto Rico	-	0	0	-	-	-	-	0	0	0
Russia	311	-	-	343	-	-	-	-	28	28
Spain	-	-	1	-	-	-28	-28	-	14	14
Sweden	-	-	-	-	-	-	-	-	28	28
Trinidad and Tobago	38	0	-	7	-	-	-	-	0	0
United Kingdom	18	-	0	-	-	1	1	42	54	96
Vietnam	7	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	23	-	0	0	28	69	97
Yemen	-	-	-	-	-	-	-	-	-	-
Other	130	15	-1	27	0	-60	-61	-1	-2	-3
Total	8,762	-40	-5	611	-8	-544	-552	162	509	671
Persian Gulf⁴	1,915	0	-	-	-	0	0	-	17	17

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2011
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil ³				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol ²	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-23	0	0	-	-	-	-7	-6	-21	-	-34
Algeria	-	-	-	-	-	-	-	-	-	-	-
Angola	-	-	-	-	-	-	-	-	-	-	-
Ecuador	-	-	-	-	-	-	-7	-6	-21	-	-34
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	-	-	-	-	-	-
Kuwait	-	-	-	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	-	-	-	-	-	-
Nigeria	-	-	-	-	-	-	-	-	-	-	-
Qatar	-	-	0	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	-	-	-	-	-	-	-
United Arab Emirates	-	-	-	-	-	-	-	-	-	-	-
Venezuela	-23	0	-	-	-	-	-	-	-	-	-
Non-OPEC	-14	-12	-109	2	-	-	-536	-141	-98	-	-776
Argentina	-	0	0	-	-	-	-21	-16	-	-	-36
Aruba	-	-	0	-	-	-	-	-	-	-	-
Australia	-	0	0	-	-	-	-	0	-	-	0
Bahamas	-	-	-	-	-	-	-1	-9	-	-	-10
Bahrain	-	-	-	-	-	-	-	-	-	-	-
Belgium	0	0	-2	-	-	-	-15	0	-10	-	-25
Brazil	-	-	-48	-	-	-	-	-10	-	-	-10
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	-	0	-22	2	-	-	60	-20	18	-	58
Chad	-	-	-	-	-	-	-	-	-	-	-
China	0	0	-	-	-	-	0	0	-	-	0
Colombia	-	0	0	-	-	-	-52	0	-	-	-52
Denmark	-	-	-	-	-	-	-	-	-	-	-
Dominican Republic	-	-	0	-	-	-	-	-12	-	-	-12
Equatorial Guinea	-	-	-	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-	-	-	-
Finland	-	-	-4	-	-	-	-	-	-	-	-
France	-	0	0	-	-	-	-20	0	-	-	-20
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	-	-	0	-	-	-	-35	-	-	-	-35
Guatemala	-	-	-	-	-	-	-3	-19	-5	-	-28
Honduras	-	-	-	-	-	-	-1	-5	-2	-	-8
India	0	0	-8	-	-	-	-	0	-	-	0
Indonesia	-	-	-	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	-13	-	-	-	-13
Japan	0	-9	0	-	-	-	-	0	-	-	0
Korea, South	0	0	-2	-	-	-	-	0	-	-	0
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	-	-	-	-	-	-	-	-	-	-
Mexico	-13	-3	-2	-	-	-	-125	-28	-1	-	-154
Netherlands	-	0	-9	-	-	-	-113	-6	-	-	-119
Netherlands Antilles	-	-	-	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	-	-	-	-	-	-
Oman	-	-	-	-	-	-	-	-	-	-	-
Panama	-	0	-	-	-	-	-4	-1	-24	-	-29
Portugal	-	-	-	-	-	-	-	-	-	-	-
Puerto Rico	-	0	0	-	-	-	-	-	-	-	-
Russia	-	-	-	-	-	-	17	-	0	-	16
Spain	-	-	-	-	-	-	-15	-	-	-	-15
Sweden	-	-	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	3	-	-	-	-	-	-	-	-
United Kingdom	-	-	-13	-	-	-	-18	-	-	-	-18
Vietnam	-	-	-	-	-	-	-	-	-	-	-
Virgin Islands, U.S.	-	-	-	-	-	-	25	-	9	-	34
Yemen	-	-	-	-	-	-	-	-	-	-	-
Other	-1	0	-2	0	-	-	-202	-15	-83	-	-300
Total	-36	-12	-109	2	-	-	-543	-147	-119	-	-809
Persian Gulf⁴	-	-	0	-	-	-	-	-	-	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2011
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	-	-	-	13	-11	72	11	49
Algeria	-	-	-	-	-	48	11	49
Angola	-	-	-	-	-	-	-	-
Ecuador	-	-	-	0	-	-7	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	0	-	-
Kuwait	-	-	-	-	-	-	-	-
Libya	-	-	-	-	-	10	-	-
Nigeria	-	-	-	-	-	11	-	-
Qatar	-	-	-	-	-	-	-	-
Saudi Arabia	-	-	-	-	2	0	-	-
United Arab Emirates	-	-	-	-	0	0	-	-
Venezuela	-	-	-	13	-13	10	-	-
Non-OPEC	-1	0	-	-47	-30	-110	37	25
Argentina	-	-	-	-2	0	0	-	-
Aruba	-	-	-	-	0	-	-	-
Australia	-	-	-	0	0	0	-	-
Bahamas	-	-	-	-1	-1	-25	-	-
Bahrain	-	-	-	-	-	-	-	-
Belgium	-	-	-	-	0	0	0	-
Brazil	-	-	-	-10	-1	20	1	-
Brunei	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-
Canada	-3	0	-	-45	1	23	5	3
Chad	-	-	-	-	-	15	-	-
China	-	-	-	-	0	0	-	-
Colombia	-	-	-	-	-13	20	-	-
Denmark	-	-	-	-	-	-	-	-
Dominican Republic	-	-	-	-2	-1	0	-	-
Equatorial Guinea	-	-	-	-	-	-	-	-
Estonia	-	-	-	-	-	-	-	-
Finland	-	-	-	-10	-	-	-	-
France	-	-	-	-	-	-	-	-
Gabon	-	-	-	1	-	-	-	-
Germany	-	-	-	-	-	0	0	-
Guatemala	-	-	-	-2	-	-1	-	-
Honduras	-	-	-	-2	0	-8	-	-
India	-	-	-	-	-	0	-	-
Indonesia	-	-	-	-	-	-	-	-
Italy	-	-	-	-	-	-	8	-
Japan	0	-	-	12	-3	-7	-	-
Korea, South	-	-	-	34	3	-	5	-
Latvia	-	-	-	-	-	0	-	-
Lithuania	-	-	-	-	-	0	-	-
Malaysia	-	-	-	-	-	0	-	-
Mexico	0	-	-	2	-1	50	9	-
Netherlands	0	-	-	-	0	-34	1	-
Netherlands Antilles	-	-	-	-	-	-	-	-
Norway	-	-	-	-	-	0	-	23
Oman	-	-	-	-	-	0	-	-
Panama	-	-	-	-10	-	-68	-	-
Portugal	-	-	-	-	-	-	-	-
Puerto Rico	-	-	-	-	0	-10	-	-
Russia	-	-	-	-	-	39	-	-
Spain	-	-	-	-	-	0	-	-
Sweden	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	-	-	-	0	21	-	-
United Kingdom	0	-	-	-	0	-5	0	-
Vietnam	-	-	-	-	-	0	-	-
Virgin Islands, U.S.	2	-	-	9	-10	12	-	-
Yemen	-	-	-	-	-	-	-	-
Other	0	0	-	-21	-4	-152	8	-1
Total	-1	0	-	-34	-42	-38	49	75
Persian Gulf⁴	-	-	-	-	2	0	-	-

See footnotes at end of table.

Table 53. Net Imports of Crude Oil and Petroleum Products into the United States by Country, November 2011
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	4	0	7	0	230	4,108
Algeria	—	—	—	0	—	178	260
Angola	—	—	0	0	—	12	355
Ecuador	0	—	0	0	—	-61	114
Iran	—	—	—	—	—	—	—
Iraq	—	—	—	—	—	0	395
Kuwait	—	4	0	0	—	3	302
Libya	—	—	—	0	—	10	10
Nigeria	—	—	—	0	—	42	697
Qatar	—	—	—	7	—	7	7
Saudi Arabia	—	0	—	0	—	19	1,222
United Arab Emirates	0	0	—	0	—	0	18
Venezuela	—	1	0	1	0	20	727
Non-OPEC	2	-485	-10	-27	-1	-1,008	3,877
Argentina	0	3	—	0	—	-39	3
Aruba	—	6	0	0	—	70	70
Australia	0	-10	0	-1	0	-11	26
Bahamas	—	—	0	0	0	-30	-30
Bahrain	0	—	—	0	—	0	0
Belgium	0	-3	0	-7	0	-29	-29
Brazil	0	-30	0	-4	0	-137	64
Brunei	—	—	—	—	—	—	—
Cameroon	—	—	0	0	—	0	64
Canada	-3	-27	0	-2	0	151	2,448
Chad	—	—	—	—	—	15	47
China	6	-173	-2	-1	0	-170	-170
Colombia	0	0	0	-2	0	-57	322
Denmark	0	-6	—	0	—	-6	-6
Dominican Republic	0	—	0	-1	0	-14	-14
Equatorial Guinea	—	—	—	0	—	0	0
Estonia	—	—	—	0	—	0	0
Finland	—	—	—	0	—	-10	-10
France	0	-8	0	0	0	26	26
Gabon	—	-5	0	0	—	-4	20
Germany	0	2	0	0	0	-32	-32
Guatemala	—	—	0	-1	0	-60	-44
Honduras	—	—	—	0	—	-49	-49
India	0	-17	0	-1	0	-25	-25
Indonesia	0	—	0	2	—	2	2
Italy	0	-4	0	0	0	19	19
Japan	0	-44	0	0	0	-52	-52
Korea, South	0	-24	0	10	0	25	25
Latvia	—	—	—	0	—	11	11
Lithuania	—	—	—	—	—	11	11
Malaysia	0	0	0	0	—	0	0
Mexico	-1	-48	-4	-12	-1	-587	570
Netherlands	0	-13	0	3	0	-101	-101
Netherlands Antilles	—	—	—	—	—	—	—
Norway	0	-3	—	0	—	82	172
Oman	—	—	—	—	—	0	42
Panama	—	—	—	0	0	-119	-119
Portugal	—	—	—	—	—	25	25
Puerto Rico	0	—	0	0	—	-11	-11
Russia	—	0	0	0	—	426	737
Spain	0	-5	0	0	—	-31	-31
Sweden	0	0	0	0	—	28	28
Trinidad and Tobago	—	—	—	0	0	31	69
United Kingdom	0	-10	0	0	0	52	69
Vietnam	0	—	0	0	—	0	7
Virgin Islands, U.S.	—	—	0	0	—	166	166
Yemen	—	—	—	0	—	0	0
Other	0	-66	-4	-10	0	-574	-443
Total	2	-481	-11	-20	-1	-778	7,985
Persian Gulf⁴	0	3	0	7	—	29	1,944

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports include industrial alcohol.

³ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-November 2011
(Thousand Barrels per Day)

Country of Origin	Crude Oil ¹	Pentanes Plus	Liquefied Petroleum Gases	Unfinished Oils	Finished Motor Gasoline			Motor Gasoline Blending Components		
					Reformulated	Conventional	Total	Reformulated	Conventional	Total
OPEC	4,230	13	5	111	0	-27	-27	2	70	72
Algeria	180	2	12	69	—	0	0	—	8	8
Angola	333	1	0	10	—	—	—	—	0	0
Ecuador	198	0	-7	—	0	-26	-26	0	2	2
Iran	—	—	—	—	—	—	—	—	—	—
Iraq	467	—	—	—	—	0	0	—	0	0
Kuwait	187	0	—	—	—	—	—	—	0	0
Libya	10	—	1	1	—	—	—	—	1	1
Nigeria	792	3	0	15	—	-5	-5	0	28	28
Qatar	6	—	—	—	—	—	—	—	0	0
Saudi Arabia	1,176	2	0	2	—	1	1	—	2	2
United Arab Emirates	8	0	0	3	0	0	0	—	0	0
Venezuela	873	5	-1	10	—	3	3	2	29	31
Non-OPEC	4,664	-13	-26	511	-8	-322	-330	178	421	599
Argentina	30	0	0	—	—	-4	-4	—	1	1
Aruba	—	—	0	61	0	0	0	0	3	3
Australia	5	0	0	—	0	0	0	0	0	0
Bahamas	—	—	-1	6	0	-3	-3	0	5	5
Bahrain	—	—	—	—	—	0	0	—	0	0
Belgium	—	0	1	39	—	0	0	0	3	4
Brazil	216	0	-11	5	—	-24	-24	—	-2	-2
Brunei	—	—	—	—	—	—	—	—	—	—
Cameroon	36	—	—	2	—	—	—	—	—	—
Canada	2,140	-40	86	6	-6	23	17	77	34	111
Chad	50	0	—	—	—	—	—	—	—	—
China	2	0	0	—	0	-1	-1	—	0	0
Colombia	380	0	0	5	0	-5	-5	—	5	5
Denmark	—	—	0	1	0	—	0	0	0	0
Dominican Republic	—	0	-13	—	—	-1	-1	0	0	0
Equatorial Guinea	21	—	—	—	—	—	—	—	—	—
Estonia	—	—	—	11	—	—	—	0	—	0
Finland	—	—	—	1	—	0	0	—	9	9
France	—	0	0	2	—	5	5	8	18	26
Gabon	34	—	—	—	0	—	0	—	—	—
Germany	—	0	0	2	—	-1	-1	1	2	2
Guatemala	10	—	-3	—	—	-18	-18	—	0	0
Honduras	—	—	-10	—	—	-9	-9	—	0	0
India	—	0	0	8	0	8	8	7	27	33
Indonesia	21	—	—	—	—	—	—	—	—	—
Italy	—	0	0	6	0	15	15	—	11	11
Japan	—	0	-3	—	0	0	0	0	0	0
Korea, South	—	0	0	0	0	2	2	—	5	5
Latvia	—	—	—	—	—	0	0	0	7	8
Lithuania	—	—	—	0	—	—	—	—	5	5
Malaysia	—	0	0	1	—	—	—	—	1	1
Mexico	1,114	15	-39	12	-2	-270	-273	-1	-26	-26
Netherlands	—	0	-21	17	—	7	7	5	55	60
Netherlands Antilles	—	1	—	—	—	0	0	—	4	4
Norway	57	1	4	19	—	5	5	0	22	22
Oman	40	—	—	—	—	—	—	—	1	1
Panama	—	0	-2	—	—	-13	-13	0	0	0
Portugal	—	—	-1	3	—	4	4	—	11	11
Puerto Rico	—	0	0	—	0	0	0	0	0	0
Russia	265	—	0	241	—	0	0	0	27	27
Spain	—	—	1	2	—	-6	-6	0	41	41
Sweden	—	0	—	2	—	1	1	0	15	15
Trinidad and Tobago	34	0	0	7	0	0	0	—	2	2
United Kingdom	34	0	-2	8	0	8	8	38	59	96
Vietnam	10	—	—	—	—	0	0	—	0	0
Virgin Islands, U.S.	—	0	0	18	—	0	0	42	59	101
Yemen	6	—	0	—	0	—	0	—	—	—
Other	159	10	-12	26	0	-45	-44	1	17	18
Total	8,894	0	-21	621	-8	-349	-357	180	491	670
Persian Gulf⁴	1,844	2	0	5	0	1	1	—	2	2

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-November 2011
(Thousand Barrels per Day) — Continued

Country of Origin	Oxygenates		Renewable Fuels				Distillate Fuel Oil ³				Total
	Methyl Tertiary Butyl Ether (MTBE)	Other Oxygenates	Fuel Ethanol ²	Biomass-Based Diesel	Other Renewable Diesel	Other Renewable Fuels	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	501 to 2000 ppm	Greater than 2000 ppm	
OPEC	-18	0	-5	-	-	-	1	-12	-6	1	-16
Algeria	-	-	-	-	-	-	1	-1	-3	-	-3
Angola	-	-	0	-	-	-	-	-	-	-	-
Ecuador	-	0	0	-	-	-	-4	-9	-3	-	-16
Iran	-	-	-	-	-	-	-	-	-	-	-
Iraq	-	-	0	-	-	-	-	-	-	-	-
Kuwait	-	-	0	-	-	-	-	0	-	-	0
Libya	-	0	-	-	-	-	-	-	-	-	-
Nigeria	0	-	-1	-	-	-	-	-2	-	1	0
Qatar	-	-	0	-	-	-	-	-	-	-	-
Saudi Arabia	0	0	0	-	-	-	0	-1	0	-	-1
United Arab Emirates	-	0	-4	-	-	-	0	0	-	-	0
Venezuela	-18	0	-	-	-	-	5	0	-	-	5
Non-OPEC	-20	-19	-61	1	-	0	-436	-161	-43	4	-637
Argentina	-1	0	0	-	-	-	-10	-8	-1	-	-19
Aruba	-	-	0	-	-	-	0	3	-	-	3
Australia	0	0	-1	-	-	-	-	0	-	-	0
Bahamas	-	0	0	-	-	-	-1	-7	-3	-	-11
Bahrain	-	-	0	-	-	-	0	-	0	-	0
Belgium	0	0	0	-	-	-	-11	-3	-1	-	-15
Brazil	0	0	-20	-	-	-	-8	-9	-26	0	-42
Brunei	-	-	-	-	-	-	-	-	-	-	-
Cameroon	-	-	-	-	-	-	-	-	-	-	-
Canada	0	0	-18	1	-	0	73	-9	19	1	83
Chad	-	-	-	-	-	-	-	-	-	-	-
China	-1	0	0	-	-	-	0	0	0	-	0
Colombia	-	0	0	-	-	-	-47	-3	1	-	-49
Denmark	-	-	-	-	-	-	0	-	-	-	0
Dominican Republic	-	-	0	-	-	-	0	-6	-3	-	-10
Equatorial Guinea	-	-	-	-	-	-	-	0	-	-	0
Estonia	-	-	-	-	-	-	-	0	-	-	0
Finland	-	0	-3	-	-	-	-1	-	-	-	-1
France	-	-1	0	-	-	-	-27	-5	-1	-	-33
Gabon	-	-	-	-	-	-	-	-	-	-	-
Germany	0	0	0	-	-	-	-11	0	0	-	-11
Guatemala	0	-	0	-	-	-	-2	-12	-7	-	-21
Honduras	-	-	0	-	-	-	-2	-6	-2	-	-9
India	0	0	-1	-	-	-	0	0	-	-	0
Indonesia	-	0	0	-	-	-	-	-	-	-	-
Italy	-	0	0	-	-	-	-7	-1	0	-	-7
Japan	0	-11	0	-	-	-	1	0	-	-	1
Korea, South	0	0	0	-	-	-	0	-1	-	-	-2
Latvia	-	-	-	-	-	-	-	-	-	-	-
Lithuania	-	-	-	-	-	-	-	-	-	-	-
Malaysia	-	0	0	-	-	-	0	-	-3	-	-3
Mexico	-13	-4	-2	-	-	-	-93	-9	-2	-	-104
Netherlands	-	0	-9	-	-	-	-101	-23	-9	-	-133
Netherlands Antilles	-	-	0	-	-	-	-	-1	0	-	-1
Norway	-	-	-	-	-	-	-1	-	-	-	-1
Oman	-	-	0	-	-	-	-	0	-	-	0
Panama	0	0	0	-	-	-	-8	-16	-8	-	-32
Portugal	-	-	-	-	-	-	-	0	-	-	0
Puerto Rico	-	0	0	-	-	-	0	0	-	-	0
Russia	0	0	0	-	-	-	6	0	1	3	10
Spain	0	-3	0	-	-	-	-11	-1	-	-	-12
Sweden	-	0	-	-	-	-	-	-	-	-	-
Trinidad and Tobago	-	0	2	-	-	-	-	0	0	-	0
United Kingdom	-	0	-7	-	-	-	-5	-1	1	-	-6
Vietnam	-	-	-	-	-	-	0	-	-	-	0
Virgin Islands, U.S.	-	-	0	-	-	-	25	-	22	-	47
Yemen	-	0	0	-	-	-	-	-	-	-	-
Other	-5	0	-2	0	-	0	-195	-43	-21	0	-259
Total	-38	-19	-66	1	-	0	-435	-173	-49	5	-652
Persian Gulf⁴	0	0	-4	-	-	-	0	-1	0	-	-1

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-November 2011
(Thousand Barrels per Day) — Continued

Country of Origin	Kerosene	Finished Aviation Gasoline	Aviation Gasoline Blending Components	Kerosene-Type Jet Fuel	Special Naphthas	Residual Fuel Oil	Petrochemical Feedstocks	
							Naphtha	Other Oils
OPEC	0	-	-	13	-2	27	8	48
Algeria	-	-	-	-	0	39	5	47
Angola	-	-	-	-	0	0	1	-
Ecuador	0	-	-	0	0	-6	-	-
Iran	-	-	-	-	-	-	-	-
Iraq	-	-	-	-	-	0	-	-
Kuwait	-	-	-	-	-	0	-	-
Libya	-	-	-	-	-	1	1	1
Nigeria	-	-	-	-5	0	2	0	-
Qatar	-	-	-	-	-	0	-	-
Saudi Arabia	-	-	-	0	1	0	0	-
United Arab Emirates	-	-	-	0	0	-8	-	-
Venezuela	-	-	-	17	-3	-1	1	0
Non-OPEC	-3	0	-	-33	-24	-99	45	37
Argentina	0	-	-	-2	0	-10	0	0
Aruba	-	-	-	3	0	-6	4	-
Australia	0	-	-	0	0	0	0	-
Bahamas	-	-	-	-2	-1	-14	-	-
Bahrain	-	-	-	-	-	0	-	-
Belgium	0	-	-	-	0	1	1	1
Brazil	0	-	-	-3	-3	4	1	-
Brunei	-	-	-	-	0	-	-	-
Cameroon	-	-	-	-	-	0	-	-
Canada	-4	0	-	-27	3	47	5	2
Chad	-	-	-	-	-	1	-	-
China	0	-	-	0	0	-2	-	-
Colombia	0	-	-	0	-3	24	0	-
Denmark	-	-	-	-	-	0	-	-
Dominican Republic	0	-	-	-2	-3	-2	-	-
Equatorial Guinea	-	-	-	-	-	0	0	5
Estonia	-	-	-	-2	-	1	-	-
Finland	-	-	-	-1	0	3	0	-
France	-	-	-	-5	0	0	0	1
Gabon	-	-	-	0	-	-	-	-
Germany	0	-	-	-	0	0	0	-
Guatemala	-	-	-	-2	0	-3	-	-
Honduras	-	-	-	-2	-1	-12	-	-
India	-	-	-	2	0	0	0	-
Indonesia	-	-	-	-	0	0	-	-
Italy	-	-	-	0	0	0	1	-
Japan	0	-	-	8	-2	-2	0	-
Korea, South	-	-	-	26	3	-2	5	-
Latvia	-	-	-	-	-	1	-	-
Lithuania	-	-	-	-	-	0	-	-
Malaysia	0	-	-	-	0	-1	-	-
Mexico	0	-	-	0	-8	32	16	-
Netherlands	0	-	-	-3	-1	-43	1	-
Netherlands Antilles	-	-	-	2	-	-11	-	-
Norway	-	-	-	-1	-	0	2	7
Oman	-	-	-	-	0	0	-	-
Panama	0	-	-	-8	-	-44	-	-
Portugal	-	-	-	-	-	0	-	-
Puerto Rico	0	-	-	-	0	-7	-	-
Russia	-	-	-	-	0	61	2	21
Spain	0	-	-	-	0	1	1	0
Sweden	-	-	-	-	-	6	0	-
Trinidad and Tobago	0	-	-	-	0	29	-	-
United Kingdom	0	-	-	-3	0	-2	1	-
Vietnam	-	-	-	-	-	0	-	-
Virgin Islands, U.S.	1	-	-	7	-6	9	-	-
Yemen	-	-	-	-	-	1	-	-
Other	0	0	-	-18	-2	-159	5	0
Total	-3	0	-	-21	-26	-72	53	85
Persian Gulf⁴	-	-	-	0	1	-8	0	-

See footnotes at end of table.

Table 54. Year-to-Date Net Imports of Crude Oil and Petroleum Products into the United States by Country, January-November 2011
(Thousand Barrels per Day) — Continued

Country of Origin	Waxes	Petroleum Coke	Asphalt and Road Oil	Lubricants	Miscellaneous Products	Total Products	Total Crude Oil and Products
OPEC	0	-4	0	-3	0	222	4,452
Algeria	0	0	0	0	—	180	360
Angola	—	0	0	—	—	12	345
Ecuador	0	-1	0	-1	0	-55	143
Iran	—	—	—	—	—	—	—
Iraq	0	—	0	0	—	0	467
Kuwait	0	1	0	0	—	1	188
Libya	—	—	—	0	—	6	15
Nigeria	—	0	0	-2	—	35	827
Qatar	0	-2	0	1	—	-1	5
Saudi Arabia	0	0	—	-1	0	6	1,182
United Arab Emirates	0	-1	0	0	0	-10	-3
Venezuela	0	-1	0	0	0	50	923
Non-OPEC	-1	-466	-9	-39	-1	-585	4,079
Argentina	0	1	0	-1	0	-35	-5
Aruba	—	3	0	0	—	69	69
Australia	0	-9	0	-1	0	-11	-6
Bahamas	0	—	0	0	0	-21	-21
Bahrain	0	-1	—	0	—	-1	-1
Belgium	0	-9	0	-5	0	19	19
Brazil	0	-39	-1	-7	0	-143	73
Brunei	—	0	—	0	—	0	0
Cameroon	—	—	0	0	—	2	39
Canada	-2	-27	8	1	0	255	2,395
Chad	—	0	—	0	—	1	51
China	2	-60	-1	-2	0	-64	-62
Colombia	0	0	0	-3	0	-27	353
Denmark	0	-4	0	0	0	-3	-3
Dominican Republic	0	-5	-1	-1	0	-37	-37
Equatorial Guinea	—	—	—	0	—	5	25
Estonia	0	—	—	0	—	10	10
Finland	0	-1	0	0	—	8	8
France	0	-7	0	-1	0	-12	-12
Gabon	—	-1	0	0	—	-1	33
Germany	0	-4	0	-1	0	-13	-13
Guatemala	0	-4	0	-1	0	-52	-42
Honduras	0	-1	0	0	—	-45	-45
India	0	-12	0	-1	0	38	38
Indonesia	0	0	0	1	0	0	21
Italy	0	-31	0	0	0	-4	-4
Japan	0	-55	0	-1	0	-63	-63
Korea, South	0	-8	0	10	0	40	40
Latvia	—	—	—	0	0	9	9
Lithuania	0	—	—	0	0	5	5
Malaysia	0	0	0	0	0	-1	-1
Mexico	-1	-54	-4	-10	-1	-464	650
Netherlands	0	-11	-3	0	0	-138	-138
Netherlands Antilles	0	0	0	0	0	-5	-5
Norway	0	-3	0	0	0	54	111
Oman	—	0	—	0	—	1	40
Panama	0	0	-1	-1	0	-102	-102
Portugal	0	-3	—	0	—	13	13
Puerto Rico	0	0	-1	0	0	-9	-9
Russia	0	0	0	0	—	362	627
Spain	0	-30	0	0	0	-4	-4
Sweden	0	0	0	0	0	24	24
Trinidad and Tobago	0	0	0	-2	0	37	71
United Kingdom	0	-2	0	0	0	92	126
Vietnam	0	0	0	0	0	0	10
Virgin Islands, U.S.	0	2	0	0	0	178	178
Yemen	—	—	0	0	—	1	7
Other	0	-91	-5	-13	0	-553	-393
Total	-1	-470	-9	-42	-1	-363	8,531
Persian Gulf⁴	0	-3	0	0	0	-6	1,838

— = No Data Reported.

¹ Crude oil exports are restricted to: (1) crude oil derived from fields under the State waters of Alaska's Cook Inlet; (2) Alaskan North Slope crude oil; (3) certain domestically produced crude oil destined for Canada; (4) shipments to U.S. territories; and (5) California crude oil to Pacific Rim countries.

² Exports include industrial alcohol.

³ Exports of distillate fuel oil with sulfur greater than 15 ppm to 500 ppm may include distillate fuel oil with sulfur content 15 ppm and under. Exports of distillate fuel oil with sulfur content greater than 500 ppm to 2000 ppm may include distillate fuel oil with sulfur content greater than 2000 ppm. This is due to product detail limitations in exports data received from the U.S. Census Bureau. Net imports are calculated using zero for exports of distillate fuel oil with sulfur contents of 0-15 ppm and greater than 2000 ppm.

⁴ Includes Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and United Arab Emirates.

Note: Totals may not equal sum of components due to independent rounding.

Source: The U.S. Census Bureau.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, November 2011
(Thousand Barrels)

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Crude Oil	10,771	93,177	858,745	15,837	55,066	1,033,596
Refinery	9,279	12,223	44,746	2,325	24,041	92,614
Tank Farms and Pipelines (Includes Cushing, OK)	1,391	78,206	101,170	11,230	25,590	217,587
Cushing, Oklahoma	—	31,213	—	—	—	31,213
Leases	101	2,748	16,878	2,282	460	22,469
Strategic Petroleum Reserve ¹	—	—	695,951	—	—	695,951
Alaskan In Transit	—	—	—	—	4,975	4,975
Total Stocks, All Oils (excluding Crude Oil)²	166,320	173,940	292,714	18,236	86,954	738,164
Refinery	24,607	48,134	122,011	10,929	49,902	255,583
Bulk Terminal	114,796	90,163	117,306	4,489	31,746	358,500
Pipeline	26,732	34,667	51,233	2,687	4,914	120,233
Natural Gas Processing Plant	185	976	2,164	131	392	3,848
Pentanes Plus	28	8,177	7,946	195	106	16,452
Refinery	—	417	383	29	5	834
Bulk Terminal	2	3,095	5,345	5	78	8,525
Pipeline	—	4,548	1,866	109	—	6,523
Natural Gas Processing Plant	26	117	352	52	23	570
Liquefied Petroleum Gases	8,519	46,625	62,750	1,192	6,092	125,178
Refinery	2,077	4,451	7,496	371	1,986	16,381
Bulk Terminal	5,401	33,770	44,982	8	3,737	87,898
Pipeline	882	7,545	8,460	734	—	17,621
Natural Gas Processing Plant	159	859	1,812	79	369	3,278
Ethane/Ethylene	—	4,908	17,305	408	—	22,621
Refinery	—	—	280	—	—	280
Bulk Terminal	—	2,931	13,066	—	—	15,997
Ethylene	—	—	2,288	—	—	2,288
Pipeline	—	1,852	3,582	406	—	5,840
Natural Gas Processing Plant	—	125	377	2	—	504
Propane/Propylene	5,886	25,174	25,477	338	2,107	58,982
Refinery	332	2,369	1,604	86	121	4,512
Bulk Terminal	4,531	18,059	19,780	3	1,948	44,321
Nonfuel Use	—	—	4,276	—	—	4,276
Pipeline	882	4,311	3,555	210	—	8,958
Natural Gas Processing Plant	141	435	538	39	38	1,191
Normal Butane/Butylene	2,336	14,688	16,214	285	3,420	36,943
Refinery	1,455	1,583	4,519	175	1,377	9,109
Bulk Terminal	870	12,004	10,032	5	1,758	24,669
Refinery Grade Butane	—	6,120	3,771	—	—	9,891
Pipeline	—	934	1,012	73	—	2,019
Natural Gas Processing Plant	11	167	651	32	285	1,146
Isobutane/Isobutylene	297	1,855	3,754	161	565	6,632
Refinery	290	499	1,093	110	488	2,480
Bulk Terminal	—	776	2,104	—	31	2,911
Pipeline	—	448	311	45	—	804
Natural Gas Processing Plant	7	132	246	6	46	437
Other Hydrocarbons	—	43	—	—	—	43
Refinery	—	43	—	—	—	43
Oxygenates (excluding Fuel Ethanol)	—	—	913	—	—	913
Refinery	—	—	53	—	—	53
Bulk Terminal	—	—	860	—	—	860
Pipeline	—	—	—	—	—	—
MTBE	—	—	689	—	—	689
Refinery	—	—	53	—	—	53
Bulk Terminal ³	—	—	636	—	—	636
Pipeline	—	—	—	—	—	—
Other Oxygenates⁴	—	—	224	—	—	224
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	224	—	—	224
Pipeline	—	—	—	—	—	—
Renewable Fuels (including Fuel Ethanol)	6,574	6,786	3,713	294	2,412	19,779
Refinery	156	77	100	112	57	502
Bulk Terminal	6,342	6,707	3,529	182	2,355	19,115
Pipeline	76	2	84	—	—	162
Fuel Ethanol	6,099	6,491	3,157	293	2,303	18,343
Refinery	153	65	92	112	46	468
Bulk Terminal	5,946	6,426	3,064	181	2,257	17,874
Pipeline	—	—	1	—	—	1
Renewable Diesel Fuel	475	295	556	1	109	1,436
Refinery	3	12	8	—	11	34
Bulk Terminal	396	281	465	1	98	1,241
Pipeline	76	2	83	—	—	161
Other Renewable Fuels	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, November 2011
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Unfinished Oils	5,927	13,813	44,757	2,820	18,386	85,703
Naphthas and Lighter	922	3,174	10,274	719	3,955	19,044
Refinery	922	3,141	9,312	719	3,853	17,947
Bulk Terminal	—	33	962	—	102	1,097
Kerosene and Light Gas Oils	798	2,779	8,097	565	2,871	15,110
Refinery	746	2,695	8,026	565	2,871	14,903
Bulk Terminal	52	84	71	—	—	207
Heavy Gas Oils	2,556	5,553	20,378	1,142	9,376	39,005
Refinery	2,382	5,018	17,812	1,142	9,376	35,730
Bulk Terminal	174	535	2,566	—	—	3,275
Residuum	1,651	2,307	6,008	394	2,184	12,544
Refinery	1,279	2,295	6,008	394	2,184	12,160
Bulk Terminal	372	12	—	—	—	384
Motor Gasoline Blending Components	49,823	26,141	58,730	2,468	25,388	162,550
Refinery	7,193	9,450	25,606	1,885	13,459	57,593
Bulk Terminal	34,778	10,754	17,637	432	9,886	73,487
Pipeline	7,852	5,937	15,487	151	2,043	31,470
Reformulated - RBOB	17,938	5,615	11,853	—	13,612	49,018
Refinery	2,522	1,099	2,058	—	5,673	11,352
Bulk Terminal	12,161	3,479	4,576	—	6,442	26,658
Pipeline	3,255	1,037	5,219	—	1,497	11,008
Conventional	31,885	20,526	46,877	2,468	11,776	113,532
Refinery	4,671	8,351	23,548	1,885	7,786	46,241
Bulk Terminal	22,617	7,275	13,061	432	3,444	46,829
Pipeline	4,597	4,900	10,268	151	546	20,462
CBOB	21,724	12,892	23,990	820	4,318	63,744
Refinery	754	3,158	9,925	237	986	15,060
Bulk Terminal	16,420	6,447	5,029	432	2,799	31,127
Pipeline	4,550	3,287	9,036	151	533	17,557
GTAB	858	—	—	—	—	858
Refinery	—	—	—	—	—	—
Bulk Terminal	858	—	—	—	—	858
Pipeline	—	—	—	—	—	—
Other	9,303	7,634	22,887	1,648	7,458	48,930
Refinery	3,917	5,193	13,623	1,648	6,800	31,181
Bulk Terminal	5,339	828	8,032	—	645	14,844
Pipeline	47	1,613	1,232	—	13	2,905
Aviation Gasoline Blending Components	—	—	8	—	—	8
Refinery	—	—	8	—	—	8
Bulk Terminal	—	—	—	—	—	—
Finished Motor Gasoline	8,530	23,078	17,853	5,004	3,965	58,430
Refinery	546	3,795	5,326	2,299	1,544	13,510
Bulk Terminal	3,501	12,660	6,283	1,765	2,139	26,348
Pipeline	4,483	6,623	6,244	940	282	18,572
Reformulated	156	—	—	—	21	177
Refinery	—	—	—	—	21	21
Bulk Terminal	156	—	—	—	—	156
Pipeline	—	—	—	—	—	—
Reformulated (Blended with Fuel Ethanol)	156	—	—	—	21	177
Refinery	—	—	—	—	21	21
Bulk Terminal	156	—	—	—	—	156
Pipeline	—	—	—	—	—	—
Reformulated (Other)	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional	8,374	23,078	17,853	5,004	3,944	58,253
Refinery	546	3,795	5,326	2,299	1,523	13,489
Bulk Terminal	3,345	12,660	6,283	1,765	2,139	26,192
Pipeline	4,483	6,623	6,244	940	282	18,572
Conventional (Blended with Fuel Ethanol)	36	190	80	42	—	348
Refinery	—	—	—	42	—	42
Bulk Terminal	36	190	80	—	—	306
Pipeline	—	—	—	—	—	—
Ed55 and Lower	36	190	80	42	—	348
Refinery	—	—	—	42	—	42
Bulk Terminal	36	190	80	—	—	306
Pipeline	—	—	—	—	—	—
Greater than Ed55	—	—	—	—	—	—
Refinery	—	—	—	—	—	—
Bulk Terminal	—	—	—	—	—	—
Pipeline	—	—	—	—	—	—
Conventional (Other)	8,338	22,888	17,773	4,962	3,944	57,905
Refinery	546	3,795	5,326	2,257	1,523	13,447
Bulk Terminal	3,309	12,470	6,203	1,765	2,139	25,886
Pipeline	4,483	6,623	6,244	940	282	18,572

See footnotes at end of table.

Table 55. Stocks of Crude Oil and Petroleum Products by PAD District, November 2011
(Thousand Barrels) — Continued

Commodity	PAD Districts					U.S. Total
	1	2	3	4	5	
Finished Aviation Gasoline	147	187	541	17	175	1,067
Refinery	—	83	407	17	56	563
Bulk Terminal	147	104	134	—	119	504
Pipeline	—	—	—	—	—	—
Kerosene-Type Jet Fuel	10,018	8,713	13,445	681	9,193	42,050
Refinery	731	2,392	5,156	288	3,714	12,281
Bulk Terminal	5,264	3,890	2,824	352	4,562	16,892
Pipeline	4,023	2,431	5,465	41	917	12,877
Kerosene	1,889	300	263	1	121	2,574
Refinery	92	208	115	1	15	431
Bulk Terminal	1,750	92	148	—	106	2,096
Pipeline	47	—	—	—	—	47
Distillate Fuel Oil²	58,155	28,237	41,200	3,637	12,784	144,013
Refinery	5,527	7,055	15,258	1,598	5,348	34,786
Bulk Terminal	43,259	13,618	12,320	1,327	5,764	76,288
Pipeline	9,369	7,564	13,622	712	1,672	32,939
15 ppm sulfur and Under	22,996	26,547	33,320	3,254	10,686	96,803
Refinery	1,907	6,266	12,325	1,298	4,155	25,951
Bulk Terminal	15,174	13,211	9,290	1,253	4,988	43,916
Pipeline	5,915	7,070	11,705	703	1,543	26,936
Greater than 15 ppm to 500 ppm sulfur	4,250	920	2,895	276	1,035	9,376
Refinery	917	153	1,164	193	449	2,876
Bulk Terminal	2,725	357	820	74	457	4,433
Pipeline	608	410	911	9	129	2,067
Greater than 500 ppm sulfur	30,909	770	4,985	107	1,063	37,834
Refinery	2,703	636	1,769	107	744	5,959
Bulk Terminal	25,360	50	2,210	—	319	27,939
Pipeline	2,846	84	1,006	—	—	3,936
Residual Fuel Oil⁵	11,833	1,560	21,028	204	4,679	39,304
Refinery	758	1,223	4,553	204	2,586	9,324
Bulk Terminal	11,075	337	16,475	—	2,093	29,980
Pipeline	—	—	—	—	—	—
Less than 0.31% Sulfur	2,317	128	1,468	11	145	4,069
Refinery	203	—	203	11	88	505
Bulk Terminal	2,114	128	1,265	—	57	3,564
0.31% to 1.00% Sulfur	2,756	190	2,447	13	746	6,152
Refinery	158	143	286	13	532	1,132
Bulk Terminal	2,598	47	2,161	—	214	5,020
Greater than 1.00% Percent Sulfur	6,760	1,242	17,113	180	3,788	29,083
Refinery	397	1,080	4,064	180	1,966	7,687
Bulk Terminal	6,363	162	13,049	—	1,822	21,396
Petrochemical Feedstocks	293	672	2,201	—	3	3,169
Refinery	293	672	2,201	—	3	3,169
Naphtha for Petrochemical Feedstock Use	293	582	1,312	—	3	2,190
Other Oils for Petrochemical Feedstock Use	—	90	889	—	—	979
Special Naphthas	40	113	1,027	—	34	1,214
Refinery	20	69	786	—	34	909
Bulk Terminal	20	44	241	—	—	305
Lubricants	1,066	819	6,939	—	631	9,455
Refinery	656	242	5,282	—	379	6,559
Bulk Terminal	410	577	1,657	—	252	2,896
Waxes	233	33	318	—	—	584
Refinery	233	33	318	—	—	584
Petroleum Coke	—	707	5,177	475	1,570	7,929
Refinery	—	707	5,177	475	1,570	7,929
Asphalt and Road Oil	3,213	7,834	3,491	1,232	1,321	17,091
Refinery	964	3,983	2,219	814	787	8,767
Bulk Terminal	2,249	3,851	1,272	418	534	8,324
Miscellaneous Products	32	102	414	16	94	658
Refinery	32	85	409	16	75	617
Bulk Terminal	—	—	—	—	19	19
Pipeline	—	17	5	—	—	22
Total Stocks, All Oils	177,091	267,117	1,151,459	34,073	142,020	1,771,760

— = No Data Reported.

¹ Crude oil stocks in the Strategic Petroleum Reserve include non-U.S. stocks held under foreign or commercial storage agreements.

² Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Includes stocks held at fuel ethanol production facilities.

³ Includes stocks held by merchant producers.

⁴ Includes ethyl tertiary butyl ether (ETBE), tertiary amyl methyl ether (TAME), tertiary butyl alcohol (TBA), and other aliphatic alcohols and ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

⁵ Sulfur content not available for stocks held by pipelines.

Note: Stocks are reported as of the last day of the month.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, November 2011
(Thousand Barrels)

Commodity	Motor Gasoline			Motor Gasoline Blending Components			Kerosene
	Reformulated	Conventional	Total	Reformulated	Conventional	Total	
PAD District 1	156	3,891	4,047	14,683	27,288	41,971	1,842
Connecticut	—	—	—	999	—	999	55
Delaware	—	—	—	705	1,169	1,874	82
District of Columbia	—	—	—	—	—	—	—
Florida	—	722	722	—	5,198	5,198	—
Georgia	—	234	234	—	2,622	2,622	26
Maine	—	150	150	—	716	716	143
Maryland	—	—	—	1,316	66	1,382	69
Massachusetts	2	179	181	1,497	—	1,497	36
New Hampshire	—	—	—	—	—	—	68
New Jersey	143	166	309	5,994	8,001	13,995	192
New York	11	689	700	598	1,351	1,949	455
North Carolina	—	323	323	—	2,279	2,279	342
Pennsylvania	—	892	892	1,323	3,763	5,086	172
Rhode Island	—	—	—	450	—	450	—
South Carolina	—	231	231	—	1,172	1,172	101
Vermont	—	36	36	—	—	—	7
Virginia	—	211	211	1,801	819	2,620	94
West Virginia	—	58	58	—	132	132	—
PAD District 2	—	16,455	16,455	4,578	15,626	20,204	300
Illinois	—	1,374	1,374	2,456	2,956	5,412	241
Indiana	—	1,347	1,347	829	2,182	3,011	—
Iowa	—	1,592	1,592	—	23	23	—
Kansas	—	3,016	3,016	—	368	368	25
Kentucky	—	415	415	523	935	1,458	1
Michigan	—	1,188	1,188	87	1,326	1,413	—
Minnesota	—	1,260	1,260	—	1,236	1,236	—
Missouri	—	532	532	146	159	305	—
Nebraska	—	482	482	—	28	28	—
North Dakota	—	529	529	—	224	224	—
Ohio	—	1,465	1,465	56	2,657	2,713	—
Oklahoma	—	2,145	2,145	—	608	608	5
South Dakota	—	321	321	—	—	—	—
Tennessee	—	378	378	—	1,738	1,738	28
Wisconsin	—	411	411	481	1,186	1,667	—
PAD District 3	—	11,609	11,609	6,634	36,609	43,243	263
Alabama	—	306	306	—	1,160	1,160	19
Arkansas	—	558	558	—	321	321	—
Louisiana	—	1,891	1,891	256	9,679	9,935	76
Mississippi	—	998	998	—	1,772	1,772	—
New Mexico	—	251	251	—	408	408	—
Texas	—	7,605	7,605	6,378	23,269	29,647	168
PAD District 4	—	4,064	4,064	—	2,317	2,317	1
Colorado	—	902	902	—	665	665	—
Idaho	—	510	510	—	—	—	—
Montana	—	1,311	1,311	—	742	742	—
Utah	—	500	500	—	788	788	1
Wyoming	—	841	841	—	122	122	—
PAD District 5	21	3,662	3,683	12,115	11,230	23,345	121
Alaska	—	737	737	—	—	—	68
Arizona	—	103	103	649	316	965	—
California	21	332	353	11,038	6,479	17,517	15
Hawaii	—	16	16	—	921	921	—
Nevada	—	386	386	—	87	87	—
Oregon	—	153	153	—	1,233	1,233	—
Washington	—	1,935	1,935	428	2,194	2,622	38
U.S. Total	177	39,681	39,858	38,010	93,070	131,080	2,527

See footnotes at end of table.

Table 56. Refinery, Bulk Terminal, and Natural Gas Plant Stocks of Selected Petroleum Products by PAD District and State, November 2011
(Thousand Barrels) — Continued

Commodity	Distillate Fuel Oil ¹				Residual Fuel Oil	Propane/ Propylene
	15 ppm sulfur and under	Greater than 15 ppm to 500 ppm sulfur	Greater than 500 ppm	Total		
PAD District 1	17,081	3,642	28,063	48,786	11,833	5,004
Connecticut	97	7	4,877	4,981	16	—
Delaware	225	87	513	825	492	30
District of Columbia	—	—	—	—	—	—
Florida	2,248	173	68	2,489	1,548	578
Georgia	1,229	—	—	1,229	375	13
Maine	408	32	1,000	1,440	286	—
Maryland	930	143	1,075	2,148	694	3
Massachusetts	904	40	1,775	2,719	147	—
New Hampshire	199	—	497	696	50	316
New Jersey	2,410	1,048	10,267	13,725	4,383	255
New York	1,771	1,450	3,382	6,603	2,228	1,873
North Carolina	1,286	47	61	1,394	36	9
Pennsylvania	2,543	167	2,647	5,357	789	728
Rhode Island	337	—	1,431	1,768	63	130
South Carolina	632	106	—	738	427	843
Vermont	8	—	33	41	—	—
Virginia	1,698	329	437	2,464	299	206
West Virginia	156	13	—	169	—	20
PAD District 2	19,477	510	686	20,673	1,560	20,863
Illinois	3,506	85	—	3,591	452	872
Indiana	2,302	—	179	2,481	111	353
Iowa	990	41	—	1,031	11	472
Kansas	2,151	—	154	2,305	39	13,030
Kentucky	883	34	—	917	130	526
Michigan	1,457	—	—	1,457	85	3,560
Minnesota	1,271	21	50	1,342	159	277
Missouri	583	57	—	640	—	129
Nebraska	624	—	21	645	—	365
North Dakota	386	78	—	464	43	37
Ohio	1,936	67	106	2,109	292	1,099
Oklahoma	1,315	48	129	1,492	70	102
South Dakota	192	—	—	192	—	2
Tennessee	827	68	—	895	131	3
Wisconsin	1,054	11	47	1,112	37	36
PAD District 3	21,615	1,984	3,979	27,578	21,028	21,922
Alabama	775	18	54	847	575	23
Arkansas	900	—	58	958	—	46
Louisiana	4,640	880	817	6,337	9,808	2,172
Mississippi	1,103	150	262	1,515	37	2,873
New Mexico	369	—	76	445	69	14
Texas	13,828	936	2,712	17,476	10,539	16,794
PAD District 4	2,551	267	107	2,925	204	128
Colorado	661	43	—	704	13	17
Idaho	187	—	—	187	—	—
Montana	837	54	—	891	94	22
Utah	446	68	107	621	39	68
Wyoming	420	102	—	522	58	21
PAD District 5	9,143	906	1,063	11,112	4,679	2,107
Alaska	784	—	277	1,061	337	4
Arizona	312	16	—	328	—	1,427
California	5,708	277	411	6,396	2,580	598
Hawaii	213	179	217	609	658	47
Nevada	358	—	4	362	—	1
Oregon	500	144	32	676	291	—
Washington	1,268	290	122	1,680	813	30
U.S. Total	69,867	7,309	33,898	111,074	39,304	50,024

— = No Data Reported.

¹ Distillate stocks located in the "Northeast Heating Oil Reserve" are excluded. For details see Appendix D.

Note: Stocks are reported as of the last day of the month.

Note: Totals may not equal sum of components due to independent rounding.

Sources: Energy Information Administration (EIA) Forms EIA-810, "Monthly Refinery Report," EIA-815, "Monthly Bulk Terminal and Blender Report," EIA-816, "Monthly Natural Gas Liquids Report," and EIA-819, "Monthly Oxygenate Report."

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, November 2011
(Thousand Barrels)

Commodity	From 1 to			From 2 to				From 3 to	
	2	3	5	1	3	4	5	1	2
Crude Oil	0	547	–	505	5,733	2,767	–	681	24,548
Petroleum Products	9,355	28	0	3,049	16,888	2,935	0	98,780	24,723
Pentanes Plus	0	0	–	–	354	0	–	–	3,217
Liquified Petroleum Gases	0	0	–	1,302	11,012	56	–	2,072	6,354
Unfinished Oils	118	0	–	0	342	–	–	0	230
Motor Gasoline Blending Components	4,846	0	0	670	546	372	0	41,823	3,828
Reformulated - RBOB	0	0	0	159	382	–	0	8,898	1,024
Conventional	4,846	0	0	511	164	372	0	32,925	2,804
CBOB	4,846	0	0	509	0	372	0	32,828	1,313
GTAB	0	–	–	2	–	–	–	0	0
Other	0	0	–	0	164	–	–	97	1,491
Renewable Fuels	10	0	–	23	457	–	–	339	247
Fuel Ethanol	0	0	–	23	457	–	–	100	0
Renewable Diesel Fuel	10	0	–	0	0	–	–	239	247
Other Renewable Fuels	–	–	–	–	–	–	–	–	–
Finished Motor Gasoline	1,270	0	0	358	1,033	908	0	14,280	3,326
Reformulated	–	–	–	–	–	–	–	–	–
Reformulated Blended with Fuel Ethanol	–	–	–	–	–	–	–	–	–
Reformulated Other	–	–	–	–	–	–	–	–	–
Conventional	1,270	0	0	358	1,033	908	0	14,280	3,326
Conventional Blended with Fuel Ethanol	0	0	–	0	66	–	–	1,590	0
Ed55 and Lower	0	0	–	0	66	–	–	1,590	0
Greater than Ed55	–	–	–	–	–	–	–	–	–
Conventional Other	1,270	0	0	358	967	908	0	12,690	3,326
Finished Aviation Gasoline	0	0	–	0	0	–	–	171	13
Kerosene-Type Jet Fuel	203	20	0	75	18	741	0	14,180	1,763
Kerosene	–	–	–	–	–	–	–	–	–
Distillate Fuel Oil	2,862	0	0	500	1,929	858	0	24,941	5,183
15 ppm sulfur and under	2,748	0	0	438	381	858	0	21,717	4,822
Greater than 15 ppm to 500 ppm sulfur	114	0	–	62	1,548	–	–	1,134	361
Greater than 500 ppm sulfur	–	0	–	0	0	–	–	2,090	–
Residual Fuel Oil	0	0	–	22	673	–	–	0	0
Petrochemical Feedstocks	46	0	–	0	121	–	–	106	0
Naphtha for Petrochemical Feedstock Use	0	0	–	0	83	–	–	106	0
Other Oils for Petrochemical Feedstock Use	46	0	–	0	38	–	–	0	0
Special Naphthas	0	0	–	–	0	–	–	–	79
Lubricants	0	8	0	0	0	–	0	626	446
Waxes	–	–	–	–	–	–	–	–	–
Asphalt and Road Oil	0	0	–	99	403	–	–	242	37
Miscellaneous Products	–	–	–	–	–	–	–	–	–
Total	9,355	575	0	3,554	22,621	5,702	0	99,461	49,271

See footnotes at end of table.

Table 57. Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, November 2011
(Thousand Barrels) — Continued

Commodity	From 3 to		From 4 to			From 5 to			
	4	5	2	3	5	1	2	3	4
Crude Oil	0	—	6,360	0	—	0	0	0	0
Petroleum Products	0	4,991	5,805	5,698	1,083	0	0	94	0
Pentanes Plus	0	—	450	705	—	—	0	0	0
Liquified Petroleum Gases	0	—	4,304	4,993	—	0	0	0	0
Unfinished Oils	—	—	0	0	—	0	0	0	—
Motor Gasoline Blending Components	0	3,726	20	0	0	0	0	0	0
Reformulated - RBOB	—	2,457	0	0	0	0	0	0	—
Conventional	0	1,269	20	0	0	0	0	0	0
CBOB	0	1,269	20	0	0	0	0	0	0
GTAB	—	—	0	—	—	0	0	—	—
Other	—	—	0	0	—	0	0	0	—
Renewable Fuels	—	—	0	0	—	0	0	0	—
Fuel Ethanol	—	—	0	0	—	0	0	0	—
Renewable Diesel Fuel	—	—	0	0	—	0	0	0	—
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	0	105	615	0	938	0	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	0	105	615	0	938	0	0	0	0
Conventional Blended with Fuel Ethanol	—	—	0	0	—	0	0	0	—
Ed55 and Lower	—	—	0	0	—	0	0	0	—
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	0	105	615	0	938	0	0	0	0
Finished Aviation Gasoline	—	—	0	0	—	0	0	0	—
Kerosene-Type Jet Fuel	0	252	22	0	0	0	0	0	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	0	908	394	0	145	0	0	0	0
15 ppm sulfur and under	0	908	394	0	145	0	0	0	0
Greater than 15 ppm to 500 ppm sulfur	—	—	0	0	—	0	0	0	—
Greater than 500 ppm sulfur	—	—	—	0	—	0	—	0	—
Residual Fuel Oil	—	—	0	0	—	0	0	0	—
Petrochemical Feedstocks	—	—	0	0	—	0	0	0	—
Naphtha for Petrochemical Feedstock Use	—	—	0	0	—	0	0	0	—
Other Oils for Petrochemical Feedstock Use	—	—	0	0	—	0	0	0	—
Special Naphthas	—	—	0	0	—	—	0	0	—
Lubricants	—	0	0	0	0	0	0	94	—
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	—	—	0	0	—	0	0	0	—
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	0	4,991	12,165	5,698	1,083	0	0	94	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report."

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 2011
(Thousand Barrels)

Commodity	From 1 to		From 2 to			From 3 to			
	2	3	1	3	4	1	2	4	5
Crude Oil	0	481	194	4,100	2,767	681	24,548	0	-
Petroleum Products	9,130	0	2,073	12,572	2,935	80,854	23,089	0	4,991
Pentanes Plus	0	0	-	354	0	-	3,217	0	-
Liquified Petroleum Gases	0	0	1,302	11,012	56	2,051	6,354	0	-
Motor Gasoline Blending Components	4,846	0	147	382	372	34,373	3,782	0	3,726
Reformulated - RBOB	0	0	0	382	-	8,591	1,024	-	2,457
Conventional	4,846	0	147	0	372	25,782	2,758	0	1,269
CBOB	4,846	0	145	0	372	25,685	1,313	0	1,269
GTAB	0	-	2	-	-	0	0	-	-
Other	0	0	0	0	-	97	1,445	-	-
Renewable Fuels	10	0	0	0	-	239	0	-	-
Fuel Ethanol	-	-	-	-	-	-	-	-	-
Renewable Diesel Fuel	10	0	0	0	-	239	0	-	-
Other Renewable Fuels	-	-	-	-	-	-	-	-	-
Finished Motor Gasoline	1,270	0	346	499	908	9,360	3,244	0	105
Reformulated	-	-	-	-	-	-	-	-	-
Reformulated Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Reformulated Other	-	-	-	-	-	-	-	-	-
Conventional	1,270	0	346	499	908	9,360	3,244	0	105
Conventional Blended with Fuel Ethanol	-	-	-	-	-	-	-	-	-
Ed55 and Lower	-	-	-	-	-	-	-	-	-
Greater than Ed55	-	-	-	-	-	-	-	-	-
Conventional Other	1,270	0	346	499	908	9,360	3,244	0	105
Finished Aviation Gasoline	-	-	-	-	-	-	-	-	-
Kerosene-Type Jet Fuel	203	0	75	18	741	12,421	1,763	0	252
Kerosene	-	-	-	-	-	-	-	-	-
Distillate Fuel Oil	2,801	0	203	307	858	22,410	4,729	0	908
15 ppm sulfur and under	2,687	0	141	307	858	19,228	4,608	0	908
Greater than 15 ppm to 500 ppm sulfur	114	0	62	0	-	1,092	121	-	-
Greater than 500 ppm sulfur	-	0	0	0	-	2,090	-	-	-
Residual Fuel Oil	-	-	-	-	-	-	-	-	-
Miscellaneous Products	-	-	-	-	-	-	-	-	-
Total	9,130	481	2,267	16,672	5,702	81,535	47,637	0	4,991

See footnotes at end of table.

Table 58. Movements of Crude Oil and Petroleum Products by Pipeline Between PAD Districts, November 2011
(Thousand Barrels) — Continued

Commodity	From 4 to			From 5 to	
	2	3	5	3	4
Crude Oil	6,360	0	—	0	0
Petroleum Products	5,805	5,698	1,083	0	0
Pentanes Plus	450	705	—	0	0
Liquified Petroleum Gases	4,304	4,993	—	0	0
Motor Gasoline Blending Components	20	0	0	0	0
Reformulated - RBOB	0	0	0	0	—
Conventional	20	0	0	0	0
CBOB	20	0	0	0	0
GTAB	0	—	—	—	—
Other	0	0	—	0	—
Renewable Fuels	0	0	—	0	—
Fuel Ethanol	—	—	—	—	—
Renewable Diesel Fuel	0	0	—	0	—
Other Renewable Fuels	—	—	—	—	—
Finished Motor Gasoline	615	0	938	0	0
Reformulated	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—
Reformulated Other	—	—	—	—	—
Conventional	615	0	938	0	0
Conventional Blended with Fuel Ethanol	—	—	—	—	—
Ed55 and Lower	—	—	—	—	—
Greater than Ed55	—	—	—	—	—
Conventional Other	615	0	938	0	0
Finished Aviation Gasoline	—	—	—	—	—
Kerosene-Type Jet Fuel	22	0	0	0	0
Kerosene	—	—	—	—	—
Distillate Fuel Oil	394	0	145	0	0
15 ppm sulfur and under	394	0	145	0	0
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	—
Greater than 500 ppm sulfur	—	0	—	0	—
Residual Fuel Oil	—	—	—	—	—
Miscellaneous Products	—	—	—	—	—
Total	12,165	5,698	1,083	0	0

— = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report."

Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, November 2011
(Thousand Barrels)

Commodity	From 1 to			From 2 to		
	2	3	5	1	3	5
Crude Oil	0	66	—	311	1,633	—
Petroleum Products	225	28	0	976	4,316	0
Liquified Petroleum Gases	—	0	—	0	0	—
Unfinished Oils	118	0	—	0	342	—
Motor Gasoline Blending Components	0	0	—	523	164	—
Reformulated - RBOB	0	0	—	159	0	—
Conventional	0	0	—	364	164	—
CBOB	0	0	—	364	0	—
GTAB	—	—	—	—	—	—
Other	0	0	—	—	164	—
Renewable Fuels	0	0	—	23	457	—
Fuel Ethanol	0	0	—	23	457	—
Renewable Diesel Fuel	0	0	—	—	0	—
Other Renewable Fuels	—	—	—	—	—	—
Finished Motor Gasoline	0	0	—	12	534	—
Reformulated	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—
Conventional	0	0	—	12	534	—
Conventional Blended with Fuel Ethanol	0	0	—	0	66	—
Ed55 and Lower	0	0	—	0	66	—
Greater than Ed55	—	—	—	—	—	—
Conventional Other	0	0	—	12	468	—
Finished Aviation Gasoline	0	0	—	0	0	—
Kerosene-Type Jet Fuel	—	20	—	0	0	—
Kerosene	—	—	—	—	—	—
Distillate Fuel Oil	61	0	—	297	1,622	—
15 ppm sulfur and under	61	0	—	297	74	—
Greater than 15 ppm to 500 ppm sulfur	0	0	—	0	1,548	—
Greater than 500 ppm sulfur	—	—	—	—	—	—
Residual Fuel Oil	0	0	—	22	673	—
Less than 0.31 percent sulfur	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	—	—
Greater than 1.00 percent sulfur	0	0	—	22	673	—
Petrochemical Feedstocks	46	0	—	0	121	—
Naphtha for Petrochemical Feedstock Use	0	0	—	0	83	—
Other Oils for Petrochemical Feedstock Use	46	0	—	0	38	—
Special Naphthas	0	0	—	—	0	—
Lubricants	0	8	0	0	0	0
Waxes	—	—	—	—	—	—
Asphalt and Road Oil	0	0	—	99	403	—
Miscellaneous Products	—	—	—	—	—	—
Total	225	94	0	1,287	5,949	0

See footnotes at end of table.

Table 59. Movements of Crude Oil and Petroleum Products by Tanker, and Barge Between PAD Districts, November 2011
(Thousand Barrels) — Continued

Commodity	From 3 to						From 5 to		
	1	New England	Central Atlantic	Lower Atlantic	2	5	1	2	3
Crude Oil	0	—	—	—	0	—	0	0	0
Petroleum Products	17,926	9	759	17,158	1,634	0	0	0	94
Liquified Petroleum Gases	21	—	—	21	—	—	0	—	0
Unfinished Oils	0	—	—	—	230	—	0	0	0
Motor Gasoline Blending Components	7,450	—	307	7,143	46	—	0	0	0
Reformulated - RBOB	307	—	307	—	0	—	0	0	0
Conventional	7,143	—	—	7,143	46	—	0	0	0
CBOB	7,143	—	—	7,143	0	—	0	0	0
GTAB	—	—	—	—	—	—	—	—	—
Other	—	—	—	—	46	—	—	0	0
Renewable Fuels	100	—	—	100	247	—	0	0	0
Fuel Ethanol	100	—	—	100	0	—	0	0	0
Renewable Diesel Fuel	—	—	—	—	247	—	—	0	0
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	4,920	—	—	4,920	82	—	0	0	0
Reformulated	—	—	—	—	—	—	—	—	—
Reformulated Blended with Fuel Ethanol	—	—	—	—	—	—	—	—	—
Reformulated Other	—	—	—	—	—	—	—	—	—
Conventional	4,920	—	—	4,920	82	—	0	0	0
Conventional Blended with Fuel Ethanol	1,590	—	—	1,590	0	—	0	0	0
Ed55 and Lower	1,590	—	—	1,590	0	—	0	0	0
Greater than Ed55	—	—	—	—	—	—	—	—	—
Conventional Other	3,330	—	—	3,330	82	—	0	0	0
Finished Aviation Gasoline	171	9	20	142	13	—	0	0	0
Kerosene-Type Jet Fuel	1,759	—	—	1,759	—	—	0	—	0
Kerosene	—	—	—	—	—	—	—	—	—
Distillate Fuel Oil	2,531	—	—	2,531	454	—	0	0	0
15 ppm sulfur and under	2,489	—	—	2,489	214	—	0	0	0
Greater than 15 ppm to 500 ppm sulfur	42	—	—	42	240	—	0	0	0
Greater than 500 ppm sulfur	—	—	—	—	—	—	—	—	—
Residual Fuel Oil	0	—	—	—	0	—	0	0	0
Less than 0.31 percent sulfur	—	—	—	—	—	—	—	—	—
0.31 to 1.00 percent sulfur	—	—	—	—	—	—	—	—	—
Greater than 1.00 percent sulfur	0	—	—	—	0	—	0	0	0
Petrochemical Feedstocks	106	—	—	106	0	—	0	0	0
Naphtha for Petrochemical Feedstock Use	106	—	—	106	0	—	0	0	0
Other Oils for Petrochemical Feedstock Use	0	—	—	—	0	—	0	0	0
Special Naphthas	—	—	—	—	79	—	—	0	0
Lubricants	626	—	432	194	446	0	0	0	94
Waxes	—	—	—	—	—	—	—	—	—
Asphalt and Road Oil	242	—	—	242	37	—	0	0	0
Miscellaneous Products	—	—	—	—	—	—	—	—	—
Total	17,926	9	759	17,158	1,634	0	0	0	94

— = No Data Reported.

Sources: Energy Information Administration (EIA) Form EIA-817, "Monthly Tanker and Barge Movements Report."

Table 60. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, November 2011
(Thousand Barrels)

Commodity	PAD District 1			PAD District 2			PAD District 3		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	1,186	547	639	30,908	9,005	21,903	6,280	25,229	-18,949
Petroleum Products	101,829	9,383	101,816	39,883	22,872	-1,435	22,708	128,494	-100,748
Pentanes Plus	0	0	—	3,667	354	3,313	1,059	3,217	-2,158
Liquified Petroleum Gases	3,374	0	3,374	10,658	12,370	-1,712	16,005	8,426	7,579
Ethane/Ethylene	0	0	—	3,786	7,598	-3,812	10,713	1,199	9,514
Propane/Propylene	3,344	0	3,344	4,884	3,754	1,130	3,597	5,890	-2,293
Normal Butane/Butylene	30	0	30	1,164	705	459	1,048	792	256
Isobutane/Isobutylene	0	0	—	824	313	511	647	545	102
Unfinished Oils	0	118	-118	348	342	6	342	230	112
Motor Gasoline Blending Components	42,493	4,846	37,647	8,694	1,588	7,106	546	49,377	-48,831
Reformulated - RBOB	9,057	0	9,057	1,024	541	483	382	12,379	-11,997
Conventional	33,436	4,846	28,590	7,670	1,047	6,623	164	36,998	-36,834
CBOB	33,337	4,846	28,491	6,179	881	5,298	0	35,410	-35,410
GTAB	2	0	2	0	2	-2	0	0	—
Other	97	0	97	1,491	164	1,327	164	1,588	-1,424
Renewable Fuels	362	10	9,722	257	480	-18,669	457	586	4,909
Fuel Ethanol	123	0	9,493	0	480	-18,926	457	100	5,395
Renewable Diesel Fuel	239	10	229	257	0	257	0	486	-486
Other Renewable Fuels	—	—	—	—	—	—	—	—	—
Finished Motor Gasoline	14,638	1,270	13,368	5,211	2,299	2,912	1,033	17,711	-16,678
Reformulated	0	0	—	0	0	—	0	0	—
Reformulated Blended with Fuel Ethanol	0	0	—	0	0	—	0	0	—
Reformulated Other	0	0	—	0	0	—	0	0	—
Conventional	14,638	1,270	13,368	5,211	2,299	2,912	1,033	17,711	-16,678
Conventional Blended with Fuel Ethanol	1,590	0	1,590	0	66	-66	66	1,590	-1,524
Ed55 and Lower	1,590	0	1,590	0	66	-66	66	1,590	-1,524
Greater than Ed55	0	0	—	0	0	—	0	0	—
Conventional Other	13,048	1,270	11,778	5,211	2,233	2,978	967	16,121	-15,154
Finished Aviation Gasoline	171	0	171	13	0	13	0	184	-184
Kerosene-Type Jet Fuel	14,255	223	14,032	1,988	834	1,154	38	16,195	-16,157
Kerosene	0	0	—	0	0	—	0	0	—
Distillate Fuel Oil	25,441	2,862	22,579	8,439	3,287	5,152	1,929	31,032	-29,103
15 ppm sulfur and under	22,155	2,748	19,407	7,964	1,677	6,287	381	27,447	-27,066
Greater than 15 ppm to 500 ppm sulfur	1,196	114	1,082	475	1,610	-1,135	1,548	1,495	53
Greater than 500 ppm sulfur	2,090	0	2,090	0	0	—	0	2,090	-2,090
Residual Fuel Oil	22	0	22	0	695	-695	673	0	673
Petrochemical Feedstocks	106	46	60	46	121	-75	121	106	15
Naphtha for Petrochemical Feedstock Use	106	0	106	0	83	-83	83	106	-23
Other Oils for Petrochemical Feedstock Use	0	46	-46	46	38	8	38	0	38
Special Naphthas	0	0	—	79	0	79	0	79	-79
Lubricants	626	8	618	446	0	446	102	1,072	-970
Waxes	0	0	—	0	0	—	0	0	—
Asphalt and Road Oil	341	0	341	37	502	-465	403	279	124
Miscellaneous Products	0	0	—	0	0	—	0	0	—
Total	103,015	9,930	102,455	70,791	31,877	20,468	28,988	153,723	-119,697

See footnotes at end of table.

Table 60. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge Between PAD Districts, November 2011
(Thousand Barrels) — Continued

Commodity	PAD District 4			PAD District 5		
	Receipts	Shipments	Net Receipts	Receipts	Shipments	Net Receipts
Crude Oil	2,767	6,360	-3,593	0	0	-
Petroleum Products	2,935	12,586	-9,399	6,074	94	9,766
Pentanes Plus	0	1,155	-1,155	0	0	-
Liquified Petroleum Gases	56	9,297	-9,241	0	0	-
Ethane/Ethylene	0	5,702	-5,702	0	0	-
Propane/Propylene	52	2,233	-2,181	0	0	-
Normal Butane/Butylene	4	749	-745	0	0	-
Isobutane/Isobutylene	0	613	-613	0	0	-
Unfinished Oils	0	0	-	0	0	-
Motor Gasoline Blending Components	372	20	352	3,726	0	3,726
Reformulated - RBOB	0	0	-	2,457	0	2,457
Conventional	372	20	352	1,269	0	1,269
CBOB	372	20	352	1,269	0	1,269
GTAB	0	0	-	0	0	-
Other	0	0	-	0	0	-
Renewable Fuels	0	0	252	0	0	3,786
Fuel Ethanol	0	0	252	0	0	3,786
Renewable Diesel Fuel	0	0	-	0	0	-
Other Renewable Fuels	-	-	-	-	-	-
Finished Motor Gasoline	908	1,553	-645	1,043	0	1,043
Reformulated	0	0	-	0	0	-
Reformulated Blended with Fuel Ethanol	0	0	-	0	0	-
Reformulated Other	0	0	-	0	0	-
Conventional	908	1,553	-645	1,043	0	1,043
Conventional Blended with Fuel Ethanol	0	0	-	0	0	-
Ed55 and Lower	0	0	-	0	0	-
Greater than Ed55	0	0	-	0	0	-
Conventional Other	908	1,553	-645	1,043	0	1,043
Finished Aviation Gasoline	0	0	-	0	0	-
Kerosene-Type Jet Fuel	741	22	719	252	0	252
Kerosene	0	0	-	0	0	-
Distillate Fuel Oil	858	539	319	1,053	0	1,053
15 ppm sulfur and under	858	539	319	1,053	0	1,053
Greater than 15 ppm to 500 ppm sulfur	0	0	-	0	0	-
Greater than 500 ppm sulfur	0	0	-	0	0	-
Residual Fuel Oil	0	0	-	0	0	-
Petrochemical Feedstocks	-	-	-	0	0	-
Naphtha for Petrochemical Feedstock Use	-	-	-	0	0	-
Other Oils for Petrochemical Feedstock Use	-	-	-	-	-	-
Special Naphthas	-	-	-	0	0	-
Lubricants	0	0	-	0	94	-94
Waxes	0	0	-	0	0	-
Asphalt and Road Oil	0	0	-	0	0	-
Miscellaneous Products	0	0	-	0	0	-
Total	5,702	18,946	-12,992	6,074	94	9,766

- = No Data Reported.

Sources: Energy Information Administration (EIA) Forms EIA-812, "Monthly Product Pipeline Report," EIA-813, "Monthly Crude Oil Report," EIA-817, "Monthly Tanker and Barge Movements Report."

District Descriptions and Maps

The following are the Refining Districts which make up the Petroleum Administration for Defense (PAD) Districts.

PAD District I

East Coast: The District of Columbia and the States of Maine, New Hampshire, Vermont, Massachusetts, Rhode Island, Connecticut, New Jersey, Delaware, Maryland, Virginia, North Carolina, South Carolina, Georgia, Florida, and the following counties of the State of New York: Cayuga, Tompkins, Chemung, and all counties east and north thereof. Also the following counties in the State of Pennsylvania: Bradford, Sullivan, Columbia, Montour, Northumberland, Dauphin, York, and all counties east thereof.

Appalachian No. 1: The State of West Virginia and those parts of the States of Pennsylvania and New York not included in the East Coast District.

Sub-PAD District I

New England: The States of Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, and Vermont.

Central Atlantic: The District of Columbia and the States of Delaware, Maryland, New Jersey, New York, and Pennsylvania.

Lower Atlantic: The States of Florida, Georgia, North Carolina, South Carolina, Virginia and West Virginia.

PAD District II

Indiana-Illinois-Kentucky: The States of Indiana, Illinois, Kentucky, Tennessee, Michigan, and Ohio.

Minnesota-Wisconsin-North and South Dakota: The States of Minnesota, Wisconsin, North Dakota, and South Dakota.

Oklahoma-Kansas-Missouri: The States of Oklahoma, Kansas, Missouri, Nebraska, and Iowa.

PAD District III

Texas Inland: The State of Texas except the Texas Gulf Coast District.

Texas Gulf Coast: The following counties of the State of Texas: Newton, Orange, Jefferson, Jasper, Tyler, Hardin, Liberty, Chambers, Polk, San Jacinto, Montgomery, Harris, Galveston, Waller, Fort Bend, Brazoria, Wharton, Matagorda, Jackson, Victoria, Calhoun, Refugio, Aransas, San Patricio, Nueces, Kleberg, Kenedy, Willacy, and Cameron.

Louisiana Gulf Coast: The following Parishes of the State of Louisiana: Vernon, Rapides, Avoyelles, Pointe Coupee, West Feliciana, East Feliciana, Saint Helena, Tangipahoa, Washington, and all Parishes south thereof. Also the following counties of the State of Mississippi: Pearl River, Stone, George, Hancock, Harrison, and Jackson. Also the following counties of the State of Alabama: Mobile and Baldwin.

North Louisiana-Arkansas: The State of Arkansas and those parts of the States of Louisiana, Mississippi, and Alabama not included in the Louisiana Gulf Coast District.

New Mexico: The State of New Mexico.

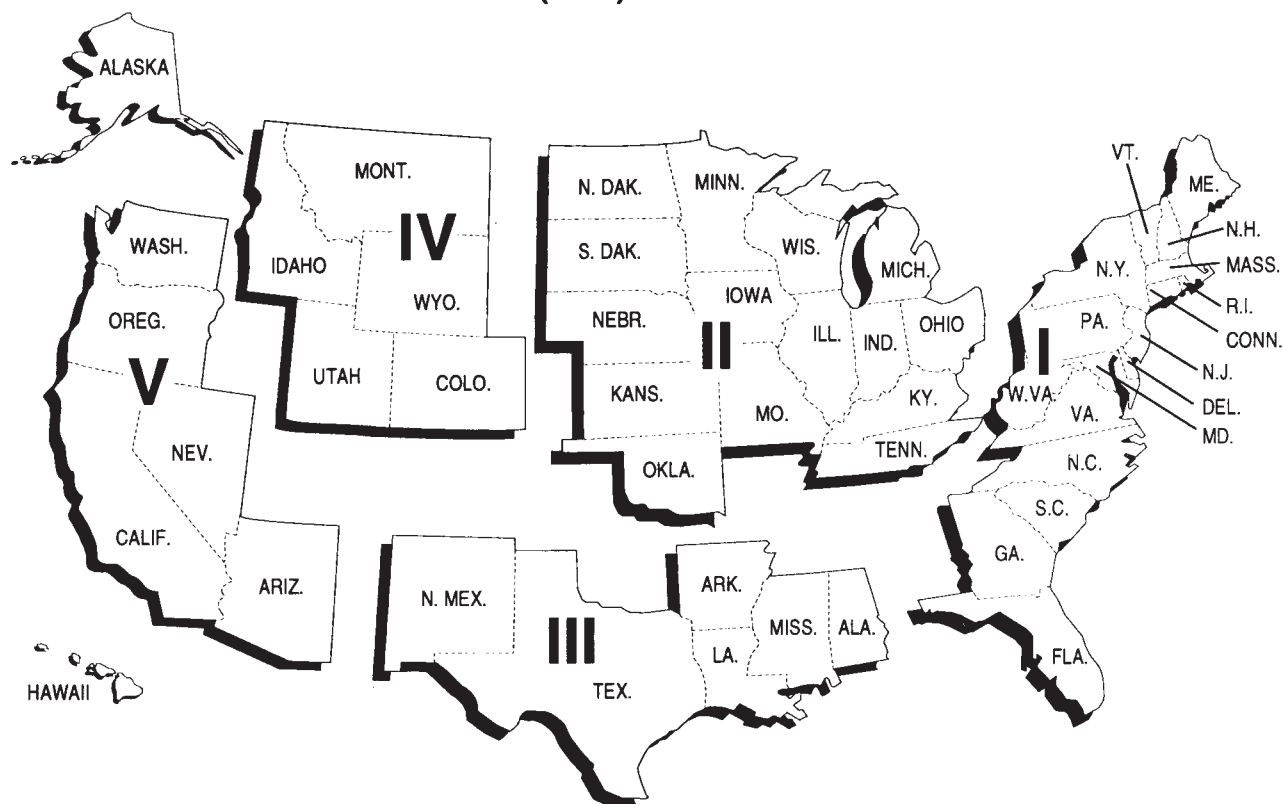
PAD District IV

Rocky Mountain: The States of Montana, Idaho, Wyoming, Utah, and Colorado.

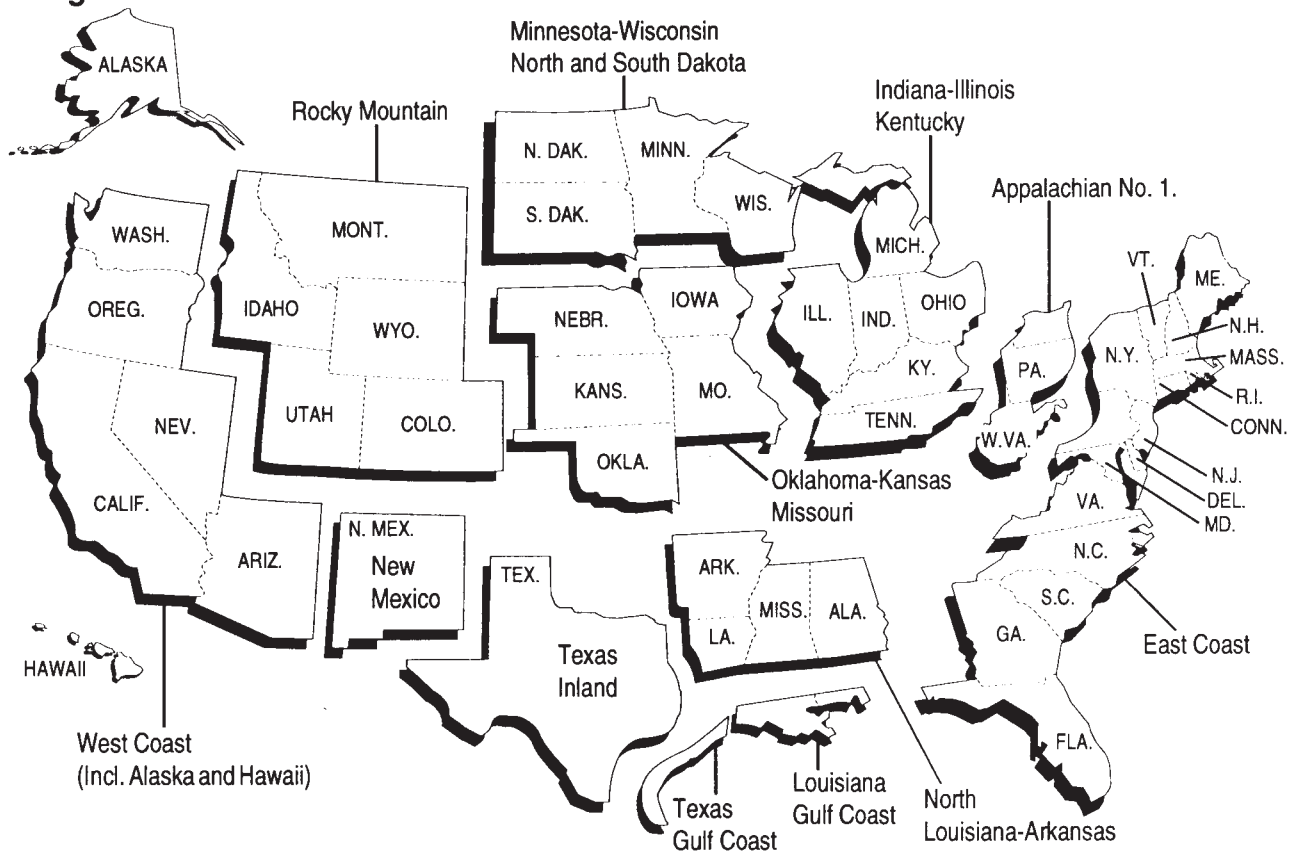
PAD District V

West Coast: The States of Washington, Oregon, California, Nevada, Arizona, Alaska, and Hawaii.

Petroleum Administration for Defense (PAD) Districts



Refining Districts



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Preface

The *Petroleum Supply Monthly* (PSM) is the monthly component of a series of three publications concerning the supply and disposition of crude oil and petroleum products produced by the Petroleum Division of the Energy Information Administration (EIA). The other two components are the *Weekly Petroleum Status Report* (WPSR) and the *Petroleum Supply Annual* (PSA). Together these publications present a comprehensive snapshot of petroleum supply data on a weekly, monthly and yearly basis.

Data presented in the PSM describe the supply and disposition of petroleum products in the United States and major U.S. geographic regions. The data series describe production, imports and exports, inter-Petroleum Administration for Defense (PAD) District movements, and inventories by the primary suppliers of petroleum products in the United States (50 States and the District of Columbia). The reporting universe includes those petroleum sectors in primary supply: petroleum refiners, motor gasoline blenders, operators of natural gas processing plants and fractionators, inter-PAD District transporters, importers, and major inventory holders of petroleum products and crude oil. When aggregated, the data reported by these sectors approximately represent the consumption of petroleum products in the United States.

The PSM tables present statistics for the most current month available as well as year-to-date. In most cases, the statistics are presented for several geographic areas - the United States (50 States and the District of Columbia), five PAD Districts, and 12 Refining Districts. At the U.S. and PAD District level, the total volume and the daily rate of activities are presented. The statistics are developed from monthly survey forms submitted by respondents to the EIA and from data provided from other sources.

Final statistics for the data series published in the PSM are published in the PSA. The PSA is published approximately five months after the end of the report year.

New in 2010

Several publication changes were implemented beginning with data for January 2010 PSM. The 2010 changes to the PSM include:

- added a new table to consolidate crude oil data
- removed certain crude oil details included in the new crude oil table from existing supply and disposition tables,
- changed motor gasoline product categories
 - Motor gasoline blending components, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blendstock (RBOB);
 - Motor gasoline blending components, reformulated and conventional gasoline treated as blendstock (GTAB) categories were collapsed into a single category: GTAB;
 - Finished motor gasoline, reformulated blended with ether and reformulated blended with alcohol were collapsed into a single category: Reformulated blended with fuel ethanol;
 - Finished motor gasoline, conventional blended with fuel ethanol was split into two separate categories: Ed55 and lower and Greater than Ed55.
- changed gasoline adjustment calculations including elimination of the MTBE adjustment,
- added gains and losses at blending terminals to applicable tables
- changed various product labels.

Appendix B. Explanatory Notes

1. Overview

A. The Energy Information Administration's Quality Guidelines

The data contained in the *Petroleum Supply Monthly (PSM)* are subject to separate information quality guidelines issued by the Office of Management and Budget (OMB), the Department of Energy (DOE), and Energy Information Administration (EIA). With available resources, EIA continually works to improve its systems in order to provide high quality information needed by public and private policymakers and decision makers. EIA has performance standards to ensure the quality (i.e., objectivity, utility, and integrity) of information it disseminates to the public. Quality is ensured and maximized at levels appropriate to the nature and timeliness of the disseminated information. Information about EIA's quality program is available at <http://www.eia.doe.gov/smg/EIA-IQ-Guidelines.html>.

B. Concepts of Product Supply and Demand

Petroleum supply estimates contained in the *PSM* are often interpreted as an approximation of petroleum demand measured as product supplied. Product supplied is often called "implied" demand because it is a measure of demand that is implied by disappearance of petroleum products from facilities and activities in the "primary" supply chain. Facilities and activities in the primary supply chain include refineries and blending terminals, gas processing plants and fractionators, oxygenate producers, imports, exports, bulk storage terminals, and pipelines. Total product supplied in the *PSM* at the U.S. level is equal to the sum of field production, plus refinery and blender net production, plus renewable fuels, and oxygenate plant net production, plus imports, plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports. Net receipts are added as a component of supply at the PAD District level. Crude oil product supplied is normally zero because crude oil is processed in refineries and rarely, if ever, used directly.

The secondary system is that portion of the overall distribution network that falls between producers and end-users. Product typically flows in bulk from the primary supply system into the secondary system before delivery in small quantities to consumers (the tertiary system). The secondary system includes storage at bulk plants; at retail motor fuel outlets, such as service stations, truck stops, and convenience stores; and at retail fuel oil dealers. Bulk plants are wholesale storage facilities that have less than 50,000 barrels of storage capacity and, by definition, receive product only by tank car or truck, not by barge, tanker, or pipeline. Tertiary inventories are held by end users and include fuel in vehicle tanks, heating oil in residential tanks, fuel oil held by utilities, jet fuel stored in facilities operated by end users, and certain proprietary storage of raw materials for the chemical industry (ethylene, propylene, etc.).

Data users sometimes consider demand as sales to the ultimate consumer or as the actual consumption of the product. Since there may be time delays between the movement of product into the primary market and its ultimate purchase or consumption, these definitions of demand require data on changes in secondary and/or tertiary stocks or the assumption that these values either remain constant or are small compared to primary supply. The most recent study of secondary

stocks was done by the National Petroleum Council in 1989. This study revealed that secondary distillate stocks were equal to about 6.9 percent of distillate stocks and 6.7 percent of distillate storage capacity. The study also noted that secondary storage capacity was decreasing due to EPA regulations.

C. Components of Supply and Disposition

The detailed statistics tables in the *PSM* provide complete supply and disposition information for the current month and year to date. The tables are organized to locate National and Petroleum Administration for Defense (PAD) District supply and disposition data at the front followed by tables that contain detailed information on supply and disposition. These include tables on crude oil and petroleum product production, import/export data, stocks information, and lastly, data on crude oil and petroleum product movements. To assist in the interpretation of these tables, the following discussion of supply, disposition, and ending stocks as shown in Tables 1– 25 is provided. The categories and products are defined in the EIA Glossary.

(1.) Supply

a. Field Production - Total Field Production is the sum of crude oil production and natural gas plant liquids and liquefied refinery gases production.

Crude oil production is an estimate based on data received from State conservation agencies and the Mineral Management Service of the U.S. Department of the Interior. Refer to "Domestic Crude Oil Production" in Section 2C (1) for further details.

Field production of natural gas plant liquids is reported on Form EIA-816 and published on a net basis (i.e., production minus inputs).

b. Renewable Fuels and Oxygenate Plant Net Production - Total Renewable Fuels and Oxygenate Plant Net Production is reported on Form EIA-819. It is the sum of the production from plants producing oxygenates (fuel ethanol, ETBE, MTBE, and other oxygenates) plus negative production of pentanes plus, finished motor gasoline, and motor gasoline blending components added to fuel ethanol as denaturants. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reported as input during the same month.

c. Refinery and Blender Net Production – Refinery and Blender Net Production is reported on Form EIA-810 and EIA-815. Refinery and Blender Net Production equals refinery and blenders production minus refinery and blender net inputs. Negative production of finished petroleum products will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month.

d. Imports - Imports include receipts of goods into the 50 States and the District of Columbia from U.S. possessions and territories or from foreign countries.

e. Net Receipts – Net Receipts data are included in tables containing PAD District-level data to account for inter-PAD District movements of crude oil and petroleum products. Net receipts for a PAD District are calculated by subtracting shipments out of the PAD District from receipts into the PAD District. Net Movements of Crude Oil and Petroleum Products by Pipeline, Tanker, and Barge between PAD Districts are shown in Table 60.

Data for inter-PAD District movements of fuel ethanol and oxygenates by railroad tank car are not currently available. Net Receipts are therefore “implied” for fuel ethanol and oxygenates. Implied net receipts are calculated as the sum of stock change, refinery and blender net inputs, and exports minus the sum of Renewable Fuels and Oxygenate Plant Net Production, Imports, and Adjustments.”

f. Adjustments – This column includes adjustment quantities for crude oil, fuel ethanol, motor gasoline blending components, and distillate fuel oil. Adjustment quantities are derived either to balance supply and disposition for selected products or to reclassify one product to another product. Product supplied is the balancing item for most products and is interpreted as an implied measure of petroleum demand. Adjustments are used in cases where it does not make sense to interpret the balancing item as demand. Reclassifications reported in the adjustments column may be implied by the supply and disposition balance or reported on surveys. Recall that supply at the U.S. level is equal to the sum of field production, renewable fuels and oxygenate plant net production, refinery and blender net production, imports, and adjustments. Disposition at the U.S. level is equal to the sum of stock change, refinery and blender net inputs, exports, and products supplied. At the PAD District level, supply components include net receipts equal to gross receipts from other PAD Districts minus gross shipments to other PAD Districts. In every case, supply must equal disposition. Applicable components of supply and disposition vary depending on the product or product group. Unless otherwise noted in Section 2C, adjustment calculations that balance supply and disposition equal disposition minus supply for the U.S. and for each PAD District.

(2.) Disposition

a. Stock Change – Stock Change is calculated as the difference between the current month Ending Stocks column and the Ending Stocks column in the prior month’s publication. A negative number indicates a decrease in stocks and a positive number indicates an increase in stocks.

b. Refinery and Blender Net Inputs – Refinery and Blender Net Inputs are inputs of crude oil and intermediate materials (unfinished oils, motor and aviation gasoline blending components, liquefied petroleum gases, pentanes plus, hydrogen, oxygenates, renewable fuels, and other hydrocarbons) that are processed at refineries or blended at terminals to produce

finished petroleum products.

Crude oil input represents total crude oil (domestic and foreign) input to atmospheric crude oil distillation units and other refinery processing units (i.e., catalytic cracking units, cokers).

Inputs of natural gas plant liquids are refinery input of natural gas liquids received from natural gas plants for blending and processing. Published inputs of natural gas plant liquids are reported on a gross basis.

Inputs of unfinished oils, motor gasoline blending components, and aviation gasoline blending components are published on a net basis (i.e., refinery input minus refinery production). Negative inputs of unfinished oils and motor and aviation gasoline blending components will occur when the amount of a product produced during the month is greater than the amount of that same product that is input or reclassified to become another product during the same month.

c. Exports - Exports include shipments from the 50 States and the District of Columbia to Puerto Rico, the Virgin Islands, other U.S. possessions and territories and to foreign countries.

d. Products Supplied - Products supplied is equal to field production, plus renewable fuels and oxygenate plant net production, plus refinery and blender net production, plus imports, (plus net receipts on a PAD District basis), plus adjustments, minus stock change, minus refinery and blender net inputs, minus exports.

A product supplied value indicates those quantities of petroleum products supplied for domestic consumption. Occasionally, the result for a product is negative because total disposition of the product exceeds total supply. Negative product supplied may occur for a number of reasons: (1) product reclassification has not been reported; (2) data were misreported or reported late; (3) in the case of calculations on a PAD District basis, the figure for net receipts was inaccurate because the coverage of inter-PAD movements was incomplete; and (4) products such as gasoline blending components and unfinished oils have entered the primary supply channels with their production not having been reported, e.g., streams returned to refineries from petrochemical plants.

Beginning with data for January 2010, product supplied for crude oil is assumed equal to zero. Prior to January 1983, crude oil burned on leases and by pipelines as fuel was reported as either distillate or residual fuel oil and was included in product supplied for these products. From January 1983 through December 2009, crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report.” Reporting of crude oil used directly was discontinued on Form EIA-813 after December 2009.

(3.) Ending Stocks

Ending stocks are primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum

products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage. Primary stocks of petroleum products also exclude secondary stocks held by dealers and jobbers and tertiary stocks held by consumers. Inventories classified as “Distillate Fuel Oil - Greater than 0.05 percent sulfur” stored in the Northeast Heating Oil Reserve are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil ending stocks. The data are shown in Appendix D, Northeast Heating Oil Reserve.

2. Components - Forms Discussions

The data presented in the *PSM* include data collected by the EIA on eight monthly petroleum supply surveys, export data obtained from the U. S. Bureau of the Census, and crude production data obtained from State conservation agencies and the Minerals Management Service of the U. S. Department of Interior.

A. Petroleum Supply Reporting System

The eight monthly petroleum supply surveys are part of the Petroleum Supply Reporting System (PSRS). The PSRS tracks the supply and disposition of crude oil, petroleum products, and natural gas liquids in the United States. The PSRS is organized into two data collection subsystems: the Weekly Petroleum Supply Reporting System (WPSRS) and the Monthly Petroleum Supply Reporting System (MPSRS). The WPSRS processes the data from the seven weekly surveys. The MPSRS includes eight monthly surveys and one annual survey. The survey forms that comprise the PSRS are:

1. EIA-800, “Weekly Refinery Report,”
2. EIA-801, “Weekly Bulk Terminal Report,”
3. EIA-802, “Weekly Product Pipeline Report,”
4. EIA-803, “Weekly Crude Oil Stocks Report,”
5. EIA-804, “Weekly Imports Report,”
6. EIA-805, “Weekly Terminal Blender Report,”
7. EIA-809, “Weekly Oxygenate Report,”
8. EIA-810, “Monthly Refinery Report,”
9. EIA-812, “Monthly Product Pipeline Report,”
10. EIA-813, “Monthly Crude Oil Report,”
11. EIA-814, “Monthly Imports Report,”
12. EIA-815, “Monthly Terminal Blender Report,”
13. EIA-816, “Monthly Natural Gas Liquids Report,”
14. EIA-817, “Monthly Tanker and Barge Movement Report,”
15. EIA-819, “Monthly Oxygenate Report,”
16. EIA-820, “Annual Refinery Report.”

Both weekly and monthly surveys are administered at six key points along the petroleum production and supply chain: (1) refineries, fractionators, and gas processing plants, (2) bulk terminals and blenders, (3) crude oil and product pipelines, (4) crude oil stock holders, (5) importers, and (6) oxygenate plants. Monthly surveys also include inter-PAD District movements by pipelines, tankers, and barges. Weekly surveys do not capture petroleum movements.

Data collected weekly using Forms EIA-800 through EIA-805 and EIA-809 are similar to, though less detailed than, the data collected monthly using Forms EIA-810, EIA-812 through EIA-815 and 819. Respondents reporting to the weekly surveys constitute a sample of those reporting on the monthly surveys.

Annual U.S. refinery capacity data are collected on the Form EIA-820, “Annual Refinery Report.” The EIA-820 data are published in the annual “Refinery Capacity Report.”

B. Monthly Supply Survey Description and Methodology

(1.) Description of Surveys Forms

Copies of the survey forms and instructions can be found at: http://www.eia.doe.gov/oil_gas/petroleum/survey_forms/pet_survey_forms.html

The Form EIA-810, “Monthly Refinery Report,” collects data on refinery input and capacity, sulfur content and API gravity of crude oil, and data on supply (beginning stocks, receipts, and production) and disposition (inputs, shipments, fuel use and losses, and ending stocks) of crude oil and refined products. Working and shell storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-812, “Monthly Product Pipeline Report,” collects data on end-of-month stocks and movements of petroleum products transported by pipeline. Intermediate movements for pipeline systems operating in more than two PAD Districts are included. Product pipeline tank storage capacity for selected products is collected on a semi-annual basis.

The Form EIA-813, “Monthly Crude Oil Report,” collects data on end-of-month stock levels of crude oil held at pipeline and tank farms (associated with the pipelines) and terminals operated by the reporting company. Also, crude oil consumed by pipelines and on leases as pump fuel, boiler fuel, etc., is reported. Data are reported on a PAD District basis. Total Alaskan crude oil stocks in-transit by water (including stocks held at transshipment terminals between Alaska and the continental United States) to the 50 States, the District of Columbia, Puerto Rico, and the Virgin Islands are also reported by the transporting company having custody of the stocks. Inter-PAD District movements of crude oil by pipeline are collected by the shipping and receiving PAD District. Intermediate movements for pipeline systems operating in more than two PAD Districts are not included. Crude oil storage capacity of tank farms is collected on a semi-annual basis.

The Form EIA-814, “Monthly Imports Report,” collects data on imports of crude oil and petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands, and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), and (3) from Puerto Rico, the Virgin Islands, and other U.S. possessions into the 50 States and the District of Columbia. Imports into Foreign Trade Zones located in the 50 States and the District of Columbia are considered imports into the 50 States and the District of Columbia.

The type of commodity, port of entry, country of origin, quantity (thousand barrels), sulfur percent by weight, API gravity, and name and location of the processing or storage facility are reported. Sulfur percent by weight is requested for crude oil, crude oil burned as fuel, and residual fuel oil only. API gravity is requested for crude oil only. The name and location of the processing or storage facility is requested for crude oil, unfinished oils, and gasoline blending components only.

The Form EIA-815, "Monthly Terminal Blender Report," collects data on the operations of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and fuel use and losses during the month are collected from operators of terminals. Working and shell storage capacity is collected on a semi-annual basis.

The Form EIA-816, "Monthly Natural Gas Liquids Report," collects data on the operations of natural gas processing plants and fractionators. Beginning and end-of-month stocks, receipts, inputs, production, shipments, and plant fuel use and losses during the month are collected from operators of natural gas processing plants. End-of-month stocks are collected from fractionators.

The Form EIA-817, "Monthly Tanker and Barge Movement Report," collects data on the movements of crude oil and petroleum products between PAD Districts. Data are reported by shipping and receiving PAD District and sub-PAD District. Shipments to and from the Panama Canal are also included if the shipment was delivered to the Canal.

The Form EIA-819, "Monthly Oxygenate Report" collects facility-level data on oxygenate inputs, production, gasoline blending at ethanol plants, and end-of-month stocks. Data on end-of-month stocks are reported on a custody basis regardless of ownership. Fuel ethanol storage capacity is collected on a semi-annual basis.

(2.) Frame

EIA maintains complete lists of respondents to its monthly surveys. Each survey has a list of companies and facilities required to submit petroleum activity data. This list is known as the survey frame. Frame maintenance procedures are used to monitor the status of petroleum companies and facilities currently contained in each survey frame as well as to identify new members to be added to the frame. As a result, all known petroleum supply organizations falling within the definition of "Who Must Submit" participate in the survey.

The activities for frames maintenance are conducted on an ongoing basis. Monthly frames maintenance procedures focus on examining industry periodicals that report changes in status (births, deaths, sales, mergers, and acquisitions) of petroleum facilities producing, transporting, importing, and/or storing crude oil and petroleum products. Augmenting these sources are articles in newspapers, notices from respondents, and information received from survey systems operated by other

offices. Survey managers review these sources regularly to monitor changes in company operations and to develop lists of potential respondents. These activities assure coverage of the reporting universe and maintain accurate facility information on addresses and ownership.

Respondents to Form EIA-810, "Monthly Refinery Report" include operators of all operating and idle petroleum refineries located in the 50 States, the District of Columbia, Puerto Rico, the Virgin Islands, Guam and other U.S. possessions.

Respondents to Form EIA-812, "Monthly Product Pipeline Report" include all product pipeline companies that carry petroleum products (including interstate, intrastate, and intra-company pipelines) in the 50 States and the District of Columbia.

Respondents to Form EIA-813, "Monthly Crude Oil Report" include all companies which carry or store 1,000 barrels or more of crude oil. Included in this survey are gathering and trunk pipeline companies (including interstate, intrastate, and intra-company pipelines), crude oil producers, terminal operators, storers of crude oil (except refineries), and companies transporting Alaskan crude oil by water in the 50 States and the District of Columbia.

Respondents to Form EIA-814, "Monthly Imports Report" include each importer of record (or Ultimate consignee in some situations regarding Canadian imports) that import crude oil or petroleum products (1) into the 50 States and the District of Columbia, (2) into Puerto Rico, the Virgin Islands and other U.S. possessions (Guam, Midway Islands, Wake Island, American Samoa, and Northern Mariana Islands), (3) into Foreign Trade Zones located in the 50 States and the District of Columbia and (4) from Puerto Rico, the Virgin Islands and other U.S. possessions into the 50 States and the District of Columbia. A report is required only if there has been an import during the month unless the importer has been selected as part of a sample to report every month regardless of activity.

Respondents to Form EIA-815, "Monthly Terminal Blender Report" include operators of all bulk terminals located in the 50 States, District of Columbia, Puerto Rico, the Virgin Islands, Guam, and other U. S. possessions must report. A bulk terminal is primarily used for storage, marketing, and often blending of petroleum products and has a total bulk storage capacity of 50,000 barrels or more, and/or receives petroleum products by tanker, barge, or pipeline. Bulk terminal facilities associated with a product pipeline are included.

Respondents to Form EIA-816, "Monthly Natural Gas Liquids Report" include operators of all facilities that extract liquid hydrocarbons from a natural gas stream (natural gas processing plant) and/or separate a liquid hydrocarbon stream into its component products (fractionator).

Respondents to Form EIA-817, "Monthly Tanker and Barge Movement Report" include all companies that have custody of crude oil or petroleum products transported by tanker or barge between Petroleum Administration for Defense Districts

and all companies that have custody of crude oil or petroleum products originating from a PAD District and transported to the Panama Canal with the intent that the crude oil or petroleum products be further transported to another PAD District.

For purposes of this report, custody is defined as physical possession of crude oil or petroleum products on a company-owned tanker or barge. Also, companies that lease vessels or contract for the movement of crude oil or petroleum products on a tanker or barge between PAD Districts are considered to have custody.

Respondents to Form EIA-819, "Monthly Oxygenate Report" include all operators of facilities that produce (manufacture or distill) oxygenates (including MTBE plants, petrochemical plants, and refineries that produce oxygenates as part of their operations located in the 50 States and the District of Columbia.)

(3.) Collection

Survey data for the MPSRS are collected by facsimile, email, Internet using secure file transfer, and electronic transmission. All respondents must submit their data by the 20th calendar day following the end of the report month. Receipt of the reports is monitored using an automated respondent mailing list. Telephone follow-up calls are made to nonrespondents prior to the publication deadline. Respondents who are chronically late (i.e., 3 consecutive months) are notified by EIA by certified letter.

(4.) Processing and Micro Editing

Upon receipt, all reported data are transformed into a standard format and sent through a log-in and prescreening process to validate respondent control information and resolve any discrepancies. The data are then processed using generalized edit and imputation procedures. Automated editing procedures check current data for consistency with past data and for internal consistency (e.g., totals equal to the sums of the parts). After the edit failures are resolved and imputation performed for nonrespondents, preliminary tables are produced and used to identify anomalies. These tables show U.S. and PAD District estimates for the current month and the prior 4 years. Anomalies result in further review of respondent data which in turn may result in additional flagged data and imputation.

(5.) Estimation and Imputation

The eight monthly supply surveys are census surveys. As such, the estimates using these data are the sum of the edited, reported data. Imputation is performed for companies that fail to file Forms EIA-810, 812, 813, 815, 816, and 819. For these companies, previous monthly values and values reported on the weekly survey forms are used if available. Data for nonrespondents to the Forms EIA-814 and 817 are not imputed because respondent-level data for these surveys are highly variable.

Adjustments are made to aggregate data from time to time. For example, unusual industry conditions, including fuel

transitions, business practice shifts, or hurricane dislocations, may generate reporting anomalies and require adjustments. Measurement error and frame deficiencies may occasionally result in inconsistencies when individual respondent data are aggregated to publication levels and require adjustment. Monthly supply data are reviewed throughout the year and some estimates may be replaced with newly available or resubmitted respondent data in the Petroleum Supply Annual (PSA).

(6.) Macro Editing

Monthly data are compared to weekly data on a regular basis. Discrepancies between weekly and monthly data are documented and respondents are called when discrepancies are either large (usually over 300 thousand barrels) or consistent (e.g., weekly data are always lower than monthly data). In addition, a comparison of the data collected on the PSRS with other similar data series from sources outside of the EIA is performed on an ongoing basis. Results of selected data comparisons are published once a year in the feature article, "Comparison of Independent Statistics on Petroleum Supply." Additional comparisons are made between survey data and model results. Data reported in the Petroleum Supply Monthly and Petroleum Supply Annual are routinely imputed to correct for cases where comparison with other data suggests errors in survey data.

(7.) Dissemination

The *PSM* data are normally released within 60 days of the close of the reference month. The *PSM* is available on the web at:

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_monthly/psm.html

Customers who do not have access to the Internet may call the National Energy Information Center (NEIC) to request a single print-on-demand copy (a black and white bound printed document). To take advantage of this service, call the NEIC at 202-586-8800 or email them at infoctr@eia.doe.gov. This service is provided free of charge for a single copy. NEIC will not accept or print multiple copy orders.

Much of the *PSM* data are available on the web product, Petroleum Navigator. Petroleum Navigator provides an interface for accessing a comprehensive set of EIA's petroleum data. Features include: downloadable spreadsheets containing complete data history, data tables which "pivot" to present different perspectives, and selection boxes to easily change the product, area, process, period, and unit of measure. Petroleum Navigator can be accessed at:

http://tonto.eia.doe.gov/dnav/pet/pet_sum_top.asp

The Petroleum Supply and Disposition table displaying all the components of supply and disposition for all products on one page in a given period can be found at:

http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mdbl_m_cur.htm

Annual petroleum supply statistics compiled from the latest monthly data, Census export, and MMS crude oil production data are released in two volumes. The *PSA, Volume 1* contains final annual data for the supply and disposition of crude oil and petroleum products.

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume1/psa_volume1.html

The *PSA, Volume 2* contains final monthly statistics for the supply and disposition of crude oil and petroleum products.

http://www.eia.doe.gov/oil_gas/petroleum/data_publications/petroleum_supply_annual/psa_volume2/psa_volume2.html

C. Derived Data

Due to the time constraints in publishing monthly petroleum supply statistics and the desire to reduce industry response burden, some of the statistics published in the PSM are obtained from sources other than the monthly supply surveys. These other sources include models to data and data from supplemental sources such as the Bureau of the Census.

(1.) Domestic Crude Oil Production

In order to present timelier crude oil production estimates, the EIA prepares a weekly crude oil production estimate that is published in the Weekly Petroleum Status Report (WPSR). At the end of the production month, weekly crude oil production estimates are aggregated into an original estimate of monthly crude oil production. The original monthly estimate of crude oil production for the U.S. and the State of Alaska is published in Table 3.1 of the Monthly Energy Review (*MER*).

A month later, the original estimate is replaced by an interim estimate of U.S., PAD District, and Alaskan crude oil production for the current reference month which is published in Tables 1 through 25 of the *PSM*. The interim estimates for the current reference month are based on:

- (a.) crude oil production data reported to the EIA by State government conservation agencies;
- (b.) first purchase data reported on Form EIA-182, "Domestic Crude Oil First Purchase Report;" All States except Michigan, New York, Ohio, and Pennsylvania report production on a monthly basis. These four States report crude oil production on an annual basis. Estimates of monthly crude oil production for these four States are made by the EIA using data reported on Form EIA-182;
- (c.) exponential or hyperbolic curve fitted projections based on recent State data; or
- (d.) constant level projections based on the average production rate during a recent time period.

There is a time lag of approximately 4 months between the end of the production month and the time when most monthly State crude oil production data become available. State-level production estimates are published in Table 26, "Production of Crude Oil by PAD District and State." The State level estimates in Table 26 are two month's behind the U.S. and PAD District level estimates in Tables 1-25.

Table 26 contains an adjustment row for each PAD District to reconcile the national and PAD District level totals created by summing the State estimates in Table 26 with the national and PAD District estimates previously published in Tables 1-25. Data on crude oil production for Federal offshore areas are reported to the EIA by the Minerals Management Service of the U.S. Department of the Interior and the California Department of Conservation and are also shown in Table 26.

After the end of each calendar year, the monthly crude oil production estimates are updated using annual reports from various State agencies, the Minerals Management Service, and the California Department of Conservation. Revised data at the State, PAD District, and national levels are published without adjustments in the *PSA*. Updates received after the *PSA* is released are published in Appendix D "Revised Crude Oil Production" in Volume 1 of the following year's *PSA*.

The table below illustrates when and where crude oil production data are available. For example, crude oil production data for the month of June is first available in the following publication:

<u>Publication containing June Data:</u>	<u>Geographic Level</u>
June WPSR (weekly data)	U.S., Alaska
July MER	U.S., Alaska
August PSM	Revised U.S., PAD District, Alaska
October PSM	Alaska with North Slope and South breakouts, State-level for selected States, State and Federal Offshore

(2.) Exports

The U.S. Bureau of the Census compiles the official U.S. export statistics. Exporters are required to file a "Shipper's Export Declaration Document" with the U.S. Census Bureau. Each month the EIA receives aggregated export statistics from the U.S. Bureau of the Census (EM-522 and EM-594). Census export statistics used in the PSM reflect both government and non-governmental exports of domestic and foreign merchandise from the United States (the 50 States and the District of Columbia) to foreign countries and U.S. possessions, without regard to whether the exportation involves a commercial transaction. The following types of transactions are excluded from the statistics:

- Merchandise shipped in transit through the United States from one foreign country to another, when documented as such with U.S. Customs.
- Bunker fuels and other supplies and equipment for use on departing vessels, planes, or other carriers engaged in foreign trade.

The country of destination is defined as the country of ultimate destination or the country where the goods are to be consumed, further processed, or manufactured, as known to the shipper at the time of exportation. If the shipper does not know the country of ultimate destination, the shipment is credited to the last country to which the shipper knows that the merchandise will be shipped in the same form as it was when exported.

(3.) Stocks of Crude Oil on Leases

This adjustment corrects for incomplete survey coverage of companies that store crude oil on leases. Up until 1983, monthly state government data on lease stocks were substituted for EIA data wherever possible in order to rectify the understatement of lease crude oil stocks. State data were available from three states - Texas, New Mexico, and Montana. To calculate the "lease adjustment," a comparison between EIA reported data and the state government data was made and the difference added to the EIA data for the respective states.

In 1983, the EIA modified the Form EIA-813 to eliminate state data on crude oil stocks and began collecting crude oil stock data by Petroleum Administration for Defense (PAD) District. With this change, the "lease adjustment" could no longer be calculated on a state basis and was changed to a PAD District level. To adjust for this incomplete coverage, 10,300 thousand barrels of crude oil are added to PAD District 3 stocks and 330 thousand barrels are added to PAD District 4 stocks.

(4.) Trans-Alaska Pipeline System (TAPS) Natural Gas Plant Liquids (NGPL Adjustment)

The TAPS-NGPL adjustment corrects for overstatement of crude oil receipts and input at refineries due to NGPL injection into Alaskan crude oil transported in TAPS. Natural gas processing plants in Alaska produce substantial volumes of NGPL that are added to crude oil transported through TAPS. Refiners have been unable to separate the volume of NGPL from Alaskan crude oil when reporting crude oil receipts and inputs to EIA. The TAPS-NGPL adjustment subtracts Alaskan NGPL production reported by selected gas processing plant operators from crude oil receipts and inputs reported by refiners. Adjusted NGPL production is added to refinery receipts and inputs of NGPL. The adjusted NGPL barrels are allocated to PAD Districts based on the regional distribution of receipts of Alaskan crude oil. Data most affected by the TAPS-NGPL adjustment are receipts and inputs of crude oil in PAD District 5 and receipts, inputs, and product supplied of butane and pentanes plus also in PAD District 5.

NGPL injections into crude oil transported in the TAPS started in 1987. The TAPS-NGPL adjustment was first applied to

revised data reported in the Petroleum Supply Annual (PSA) for 1988.

(5.) Finished Motor Gasoline Adjustment

Adjustment quantities for finished motor gasoline are the sum of motor gasoline blending components, fuel ethanol, and methyl tertiary butyl ether (MTBE) adjustments reclassified to finished motor gasoline. Finished motor gasoline adjustment quantities are assumed to reflect gasoline blending activity that was not reported on surveys.

- Adjustment quantities for finished reformulated motor gasoline include adjustments for reformulated blendstock for oxygenate blending (RBOB) plus a percentage of gasoline treated as blendstock (GTAB), "other" motor gasoline blending components, fuel ethanol, and MTBE. The quantity of GTAB and "other" motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline is based on the ratio of finished reformulated motor gasoline net production divided by total finished motor gasoline net production reported on surveys by refiners and blenders in each PAD District. Motor gasoline blending components adjustments reclassified to finished reformulated motor gasoline are further classified as blended with alcohol (i.e. fuel ethanol), blended with ether (i.e. MTBE), or non-oxygenated during 2009.

Starting with data for January 2010, motor gasoline blending component adjustment quantities were classified only as blended with fuel ethanol and "other". During 2009, RBOB adjustment quantities were classified based on the product description that included reference to the oxygenate to be blended. Beginning with data for January 2010, all RBOB is reported in one product category without reference to specific oxygenates, and all RBOB adjustment quantities are assumed blended with fuel ethanol. During 2009, adjustment quantities for GTAB and "other" motor gasoline blending components reclassified to finished reformulated gasoline were further classified as blended with ether, blended with alcohol, or non-oxygenated based on the ratio of production of these products in reported survey data. After determining adjustment quantities of motor gasoline blending components reclassified to each type of finished reformulated motor gasoline, portions of the fuel ethanol and MTBE adjustments were reclassified to reformulated motor gasoline. The fuel ethanol quantity reclassified to finished reformulated motor gasoline was determined using the ratio of fuel ethanol blended into finished motor gasoline calculated from fuel ethanol blending data reported on survey forms by PAD District. For example, if the calculated volumetric fuel ethanol blend ratio was 10%, then a quantity of the fuel ethanol adjustment sufficient to make a 10% blend with the available motor gasoline blending components is reclassified to finished

reformulated motor gasoline, but the quantity of fuel ethanol cannot exceed the total quantity of the fuel ethanol adjustment. During 2009, a similar process was followed for allocating the MTBE adjustment to reformulated motor gasoline except the blend ratio was assumed to be 12% in all PAD Districts. Starting with data for January 2010, the entire MTBE adjustment quantity is assumed to be blended with finished conventional motor gasoline.

- Adjustment quantities for finished conventional motor gasoline include adjustments for conventional blendstock for oxygenate blending (CBOB) plus the portion of GTAB, “other” motor gasoline blending components, fuel ethanol and MTBE adjustments that were not reclassified to finished reformulated motor gasoline. The total adjustment to finished conventional motor gasoline is further classified as finished conventional gasoline blended with fuel ethanol and “other” finished conventional motor gasoline. The quantity of the finished conventional motor gasoline adjustment reclassified as finished conventional motor gasoline blended with fuel ethanol is determined using the quantity of the fuel ethanol adjustment allocated to finished conventional motor gasoline and the fuel ethanol blend ratio calculated from fuel ethanol blending reported on surveys by PAD District. For example, if the fuel ethanol blend ratio calculated from survey data was 10% in a PAD District, then the total adjustment quantity of finished conventional motor gasoline in that PAD District would be 10 times the fuel ethanol adjustment quantity allocated to finished conventional gasoline (i.e. the adjustment to finished conventional motor gasoline blended with fuel ethanol includes 10% fuel ethanol and 90% gasoline from the motor gasoline blending components adjustment). The MTBE adjustment allocated to finished conventional motor gasoline is simply added to the adjustment for “other” finished conventional motor gasoline.

- Fuel ethanol adjustment quantities frequently exceed the volume of fuel ethanol needed to achieve a blend ratio implied by blending activity reported by refiners and blenders on surveys when considering only the gasoline barrels available from the motor gasoline blending components adjustment. In this case, “other” finished conventional motor gasoline is reclassified by the adjustment to finished conventional motor gasoline blended with alcohol in order to maintain an ethanol blend ratio equal to the fuel ethanol blend ratio reported by refiners and blenders in each PAD District.

(6.) Motor Gasoline Blending Components Adjustment

Adjustment quantities for motor gasoline blending components at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports and renewable fuels and oxygenate plant net production (i.e. motor

gasoline blending components use as denaturant for fuel ethanol production). Adjustment quantities by PAD District equal the sum of stock change, refinery and blender net input, and exports minus the sum of imports, renewable fuels and oxygenate plant net production, and net receipts. Motor gasoline blending components adjustments are calculated for reformulated blendstock for oxygenate blending (RBOB), conventional blendstock for oxygenate blending (CBOB), gasoline treated as blendstock (GTAB), and “other” motor gasoline blending components. Product supplied for motor gasoline blending components is assumed to always equal zero because there is no end-user demand for motor gasoline blending components as anything other than finished motor gasoline. Motor gasoline blending components adjustment quantities are assumed to reflect finished motor gasoline blending implied by the supply and disposition balance but not reported on surveys. Adjustment quantities for motor gasoline blending components are reclassified to finished motor gasoline and added to the finished motor gasoline adjustment.

(7.) Renewable Fuels including Fuel Ethanol Adjustment

Adjustment quantities for renewable fuels (including fuel ethanol) at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Calculation of adjustment quantities by PAD District depends on the product. Individual products include fuel ethanol, biomass based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Product supplied for renewable fuels (including fuel ethanol) is assumed equal to zero. Adjustments for fuel ethanol and “other” renewable fuels are discussed separately below.

- Fuel ethanol adjustment quantities at the U.S. level equal the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. There are no survey data available for rail movements of fuel ethanol between PAD Districts, and so allocation of fuel ethanol adjustments to PAD Districts is based on the ratio of fuel ethanol blending reported on surveys in each PAD District divided by fuel ethanol blending reported on surveys for the entire U.S. In this case, Fuel ethanol implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. Fuel ethanol implied net receipts are the balancing item between total supply and disposition in each PAD District. Fuel ethanol adjustment quantities are assumed to reflect blending of fuel ethanol into finished motor gasoline that is implied by the available supply of fuel ethanol but not reported on surveys. Fuel ethanol adjustment volumes are reclassified to finished reformulated motor gasoline and finished conventional motor gasoline through finished motor gasoline adjustments.

◦ The product category called “renewable fuels except fuel ethanol” includes biomass-based diesel fuel (including biodiesel), “other” renewable diesel fuel, and “other” renewable fuels (e.g. bio-jet fuel). Renewable fuels except fuel ethanol adjustment quantities at the U.S. and PAD District levels are calculated as the sum of stock change, refinery and blender net input, and exports minus imports. Data for production of Renewable Fuels except Fuel Ethanol is unavailable and is excluded from Renewable Fuels and Oxygenate Plant Net Production. Therefore the calculation of adjustments to Renewable Fuels except Fuel Ethanol causes production to be included in the adjustment. Similarly, the calculation causes net inter-PAD District movements (i.e. net receipts) by rail and truck to also be included in adjustments to renewable fuels except fuel ethanol.

(8.) Distillate Fuel Oil Adjustment

Adjustment quantities for distillate fuel oil show reclassification by pipeline operators of distillate fuel oil with sulfur content of 15 ppm and under to distillate fuel oil with sulfur content greater than 15 ppm to 500 ppm (inclusive). Reclassification may occur when distillate product with sulfur content of 15 ppm and under becomes mixed with products having higher sulfur content during pipeline transportation, storage, or handling. Adjustment quantities are reported by pipeline operators on Form EIA-812 “Monthly Product Pipeline Report.”

(9.) Crude Oil Adjustment

Adjustment quantities for crude oil are derived to balance crude oil supply and disposition. Crude oil product supplied was equal to crude oil used directly as reported on Form EIA-813 “Monthly Crude Oil Report” in data through December 2009. Reporting crude oil used directly was discontinued on Form EIA-813 after collection of data for December 2009. Crude oil product supplied is assumed equal to zero beginning with data for January 2010. Undercounting crude oil imports in survey data is one example of a typical cause of crude oil adjustments. This results in a positive crude oil adjustment because crude oil disposition (i.e. the sum of stock change, refiner inputs, and exports) will exceed available supply (i.e. the sum of field production and imports) due to import undercounting. Crude oil losses are included in crude oil adjustment quantities. The crude oil adjustment was formerly called unaccounted-for crude oil. The name change was effective with data for January 2005.

(10.) Other Hydrocarbon Adjustment

Adjustment quantities for “other” hydrocarbons equal the sum of stock change, refinery and blender net inputs and exports minus imports. “Other” hydrocarbons product supplied is assumed equal to zero. Adjustment quantities account for “other” hydrocarbons produced outside of refineries. There are no movements data collected on surveys for “other” hydrocarbons. Therefore, adjustment quantities include any net receipts of “other” hydrocarbons resulting from inter-PAD

District movements.

(11.) Hydrogen Adjustment

Adjustment quantities for hydrogen equal refinery and blender net input of hydrogen. Hydrogen product supplied is assumed equal to zero. Adjustment quantities account for hydrogen supplied to U.S. refineries from non-refinery sources. There are no movements data collected on surveys for hydrogen. Therefore, adjustment quantities at the PAD District level include any net receipts of hydrogen resulting from inter-PAD District movements.

(12.) Oxygenates (excluding fuel ethanol) Adjustment

Adjustment quantities for oxygenates (excluding fuel ethanol) equal the sum of stock change, refinery and blender net inputs, and exports minus the sum of renewable fuels and oxygenate plant net production and imports. Product supplied for oxygenates (excluding fuel ethanol) is assumed equal to zero. Methyl tertiary butyl ether (MTBE) is the single largest component of oxygenates (excluding fuel ethanol). Adjustments calculated for MTBE are reclassified to finished motor gasoline and are added to finish motor gasoline supply through the finished motor gasoline adjustment. There are no survey data available for movements of MTBE between PAD Districts. MTBE adjustment quantities are allocated to PAD Districts using ratios equal to the sum of MTBE input and export for each PAD District divided by the sum of MTBE input and export for the U.S. MTBE implied net receipts are calculated for each PAD District as the sum of stock change, refinery and blender net input, and exports minus the sum of renewable fuels and oxygenate plant net production, imports, and adjustments. MTBE implied net receipts are the balancing item between total supply and disposition in each PAD District.

3. Quality

A. General Discussion

(1.) Response Rates

The response rate is generally 98 to 100 percent. Average response rates for the monthly and weekly surveys are published in the annual PSM article “Accuracy of Petroleum Supply Data.” Chronic nonrespondents and late filing respondents are contacted in writing and reminded of their requirement to report. Companies that file late or fail to file are subject to criminal fines, civil penalties, and other sanctions as provided by Section 13(i) of the Federal Energy Administration (FEA) Act.

(2.) Non-sampling Errors

There are two types of errors usually associated with data produced from a survey; sampling errors and nonsampling errors. Because the estimates for the monthly surveys are based on a complete census of the frame, there is no sampling error in the data presented. The data, however, are subject to non-sampling errors. Non-sampling errors may arise from a number

of sources including: (1) the inability to obtain data from all companies in the frame (non-response) and the method used to account for non-response, (2) response errors, (3) differences in the interpretation of questions or definitions, (4) mistakes in recording or coding of the data obtained from respondents, and (5) other errors of collection, response, coverage, processing, and estimation.

(3.) Resubmissions

Throughout the year, EIA accepts data revisions of monthly data. If a revision to a monthly submission is made after the *PSM* has been published, it is referred to as a resubmission. The final monthly values for the previous year are published in the *PSA*. These values reflect all *PSM* resubmissions and other data corrections. The values contained in the *PSA* are EIA's most accurate measure of petroleum supply activity.

(4.) Revision Policy

EIA will disseminate revised monthly PSRS data during the year only if the revision is expected to substantively affect understanding of the U.S. petroleum supply. The decision to disseminate a revision during the year will be based on EIA's judgment of the revision's expected effect. At the end of year, the monthly data are revised to reflect all resubmitted data received during the year. The official final monthly petroleum supply data are included in the *PSA*. When EIA disseminates any revised PSRS data, it will alert users to the affected data value(s) that were revised. Updates to crude oil production data received after the *PSA* is released are published in Appendix D "Revised Crude Oil Production" of Volume 1 of the following year's *PSA*.

B. Data Assessment

The principal objective of the PSRS is to provide an accurate picture of petroleum industry activities and of the availability of petroleum products nationwide from primary distribution channels. The *PSM* preliminary monthly data serve as leading indicators of the final monthly data published in the *PSA*. The *PSM* monthly data are not expected to have the same level of accuracy as the final monthly data published in the *PSA*. However, the preliminary monthly data are expected to exhibit like trends and product flow characteristic of the final monthly data.

To assess the accuracy of monthly statistics, initial monthly estimates published in the *PSM* are compared with the final monthly aggregates published in the *PSA*. Although final monthly data are still subject to error, they have been thoroughly reviewed and edited, they reflect all revisions made during the year, and they are considered to be the most

accurate data available. The mean absolute percent error provides a measure of the average revisions relative to the aggregates being measured for a variable. The mean absolute percent error for 2007 monthly data was less than 1 percent for 50 of the 66 major petroleum variables analyzed.

4. Provisions Regarding Disclosure of Information

All PSRS survey forms, with the exception of the Form EIA-814, "Monthly Imports Report," have the same general disclosure information statement. The information reported on Form EIA-814 will be considered "public information" and may be publicly released in company or individually identifiable form, and will not be protected from disclosure in identifiable form.

The information reported on Forms EIA-810 through 813, 815 through 817, 819, and 820 will be protected and not disclosed to the public to the extent that it satisfies the criteria for exemption under the Freedom of Information Act (FOIA), 5 U.S.C. §552, the Department of Energy (DOE) regulations, 10 C.F.R. §1004.11, implementing the FOIA, and the Trade Secrets Act, 18 U.S.C. §1905.

The Federal Energy Administration Act requires the EIA to provide company-specific data to other Federal agencies when requested for official use. The information reported on this form may also be made available, upon request, to another DOE component; to any Committee of Congress, the Government Accountability Office, or other Federal agencies authorized by law to receive such information. A court of competent jurisdiction may obtain this information in response to an order. The information may be used for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Disclosure limitation procedures are not applied to the statistical data published from this survey's information. Thus, there may be some statistics that are based on data from fewer than three respondents, or that are dominated by data from one or two large respondents. In these cases, it may be possible for a knowledgeable person to estimate the information reported by a specific respondent.

In addition to the use of the information by EIA for statistical purposes, the information may be made available, upon request, to other Federal agencies authorized by law to receive such information for any nonstatistical purposes such as administrative, regulatory, law enforcement, or adjudicatory purposes.

Company specific data are also provided to other DOE offices for the purpose of examining specific petroleum operations in the context of emergency response planning and actual emergencies.

Table B1. Finished Motor Gasoline Product Supplied and Gasoline Supply Added by Adjustments to Motor Gasoline Blending Components and Fuel Ethanol, 1997 - 2008
(Thousand Barrels per Day)

Item/Year	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Avg
1997													
Fuel Ethanol Adj.	39	50	51	46	48	38	59	37	47	69	50	61	50
Motor Gas Blending	-20	61	-27	87	73	113	89	95	115	107	165	80	78
Products Supplied	7,301	7,668	7,796	8,064	8,139	8,288	8,496	8,233	8,023	8,141	7,965	8,065	8,017
1998													
Fuel Ethanol Adj.	66	55	61	55	42	50	49	58	62	71	55	75	58
Motor Gas Blending	84	39	117	140	142	246	111	88	171	89	145	205	132
Products Supplied	7,618	7,711	8,004	8,312	8,279	8,520	8,680	8,568	8,310	8,378	8,167	8,451	8,253
1999													
Fuel Ethanol Adj.	57	52	52	53	50	59	43	54	55	64	66	72	56
Motor Gas Blending	81	-13	20	134	46	214	192	128	102	212	156	165	120
Products Supplied	7,701	8,031	8,128	8,506	8,420	8,886	8,942	8,579	8,305	8,542	8,240	8,859	8,431
2000													
Fuel Ethanol Adj.	60	47	62	62	76	52	68	73	66	74	73	76	66
Motor Gas Blending	255	208	178	158	198	125	80	158	155	107	83	319	169
Products Supplied	7,653	8,291	8,305	8,375	8,661	8,824	8,642	8,921	8,518	8,417	8,384	8,670	8,472
2001													
Fuel Ethanol Adj.	80	65	61	59	64	40	96	52	71	93	63	58	67
Motor Gas Blending	264	121	289	303	196	210	213	245	196	193	175	252	222
Products Supplied	8,099	8,234	8,532	8,575	8,706	8,690	9,023	8,953	8,557	8,655	8,677	8,585	8,610
2002													
Fuel Ethanol Adj.	60	68	40	75	78	66	66	48	56	58	80	62	63
Motor Gas Blending	184	214	174	233	339	287	269	252	177	172	208	235	229
Products Supplied	8,227	8,607	8,655	8,766	9,078	9,140	9,143	9,313	8,687	8,814	8,829	8,893	8,848
2003													
Fuel Ethanol Adj.	13	49	8	45	38	31	29	44	31	35	41	22	32
Motor Gas Blending	109	174	209	265	354	399	314	375	298	324	281	194	275
Products Supplied	8,414	8,525	8,602	8,838	9,042	9,170	9,192	9,411	8,926	9,108	8,946	9,011	8,935
2004													
Fuel Ethanol Adj.	17	21	7	36	36	53	25	32	37	29	25	27	29
Motor Gas Blending	217	393	469	574	464	609	466	493	489	372	347	265	429
Products Supplied	8,705	8,838	9,024	9,126	9,179	9,322	9,357	9,327	9,015	9,097	9,055	9,206	9,105
2005													
Fuel Ethanol Adj.	37	31	24	32	39	54	47	55	40	45	50	47	42
Motor Gas Blending	357	251	200	222	337	310	460	455	382	360	239	436	335
Products Supplied	8,775	8,798	8,996	9,130	9,257	9,380	9,451	9,454	8,897	9,013	9,079	9,246	9,125
2006													
Fuel Ethanol Adj.	33	37	48	36	23	40	27	44	51	32	52	37	38
Motor Gas Blending	278	226	406	486	714	207	663	432	649	539	645	689	497
Products Supplied	8,727	8,836	9,129	9,140	9,312	9,440	9,583	9,585	9,222	9,286	9,160	9,335	9,233
2007													
Fuel Ethanol Adj.	68	51	58	62	67	73	84	95	51	93	100	113	76
Motor Gas Blending	512	462	607	674	608	473	627	553	544	534	689	535	569
Products Supplied	8,891	9,025	9,169	9,232	9,429	9,510	9,622	9,592	9,244	9,250	9,249	9,249	9,290
2008													
Fuel Ethanol Adj.	117	118	118	163	134	117	99	107	156	93	76	108	117
Motor Gas Blending	223	259	246	138	402	371	331	448	376	171	417	77	288
Products Supplied	8,814	8,842	9,069	9,117	9,216	9,071	9,072	9,090	8,469	8,986	8,889	8,921	8,964

Adjustments to finished motor gasoline, motor gasoline blending components, fuel ethanol, and Methyl Tertiary Butyl Ether (MTBE) are available in Petroleum Navigator.

http://tonto.eia.doe.gov/dnav/pet/pet_sum_snd_d_nus_mbbldpd_m_cur.htm

Note: Totals may not equal sum of components due to independent rounding.

Sources: Annual Averages, 1997 – 2007, Energy Information Administration (EIA) Petroleum Supply Annual, Volume 1 (table 2), Monthly Data, 1997-2007, Petroleum Supply Annual, Volume 2 (table 2), Annual Average, 2008, Petroleum Supply Monthly, February 2009 issue (table 4), Monthly Data, 2008, Petroleum Supply Monthly, (table 3).

Northeast Home Heating Oil Reserve

Information on the Northeast Home Heating Oil Reserve is available from the U.S. Department of Energy (DOE) Office of Petroleum Reserves web site at <http://www.fossil.energy.gov/programs/reserves/heatingoil/>.

Northeast Home Heating Oil Reserve (NEHHOR) inventories now classified as ultra-low sulfur distillate (15 parts per million) are not considered to be in the commercial sector and therefore are excluded from distillate fuel oil supply and disposition statistics in Energy Information Administration publications, such as the *Weekly Petroleum Status Report*, *Petroleum Supply Monthly*, and *This Week In Petroleum*.

Northeast Home Heating Oil Reserve

(Thousand Barrels)

Terminal Operator	Location	Week Ending January 20, 2012
Hess Corp.	Groton, CT	400 *
Global Companies LLC	Revere, MA	250 *

* DOE is in the process of converting the NEHHOR from high sulfur heating oil to ultra-low sulfur distillate (15 parts per million). In 2011, two companies were awarded with contracts for storage of 500 thousand barrels each. Shipments to refill the reserve are expected to be complete by January 2012.

Source: Energy Information Administration

Definitions of Petroleum Products and Other Terms

(Revised May 2010)

Alcohol. The family name of a group of organic chemical compounds composed of carbon, hydrogen, and oxygen. The series of molecules vary in chain length and are composed of a hydrocarbon plus a hydroxyl group; $\text{CH}_3\text{-(CH}_2\text{)}_n\text{-OH}$ (e.g., methanol, ethanol, and tertiary butyl alcohol).

Alkylate. The product of an alkylation reaction. It usually refers to the high octane product from alkylation units. This alkylate is used in blending high octane gasoline.

Alkylation. A refining process for chemically combining isobutane with olefin hydrocarbons (e.g., propylene, butylene) through the control of temperature and pressure in the presence of an acid catalyst, usually sulfuric acid or hydrofluoric acid. The product, alkylate, an isoparaffin, has high octane value and is blended with motor and aviation gasoline to improve the antiknock value of the fuel.

All Other Motor Gasoline Blending Components. See Motor Gasoline Blending Components.

API Gravity. An arbitrary scale expressing the gravity or density of liquid petroleum products. The measuring scale is calibrated in terms of degrees API; it may be calculated in terms of the following formula:

$$\text{Degrees API} = \frac{141.5}{\text{sp. gr. @ } 60^\circ \text{ F}} - 131.5$$

The higher the API gravity, the lighter the compound. Light crudes generally exceed 38 degrees API and heavy crudes are commonly labeled as all crudes with an API gravity of 22 degrees or below. Intermediate crudes fall in the range of 22 degrees to 38 degrees API gravity.

Aromatics. Hydrocarbons characterized by unsaturated ring structures of carbon atoms. Commercial petroleum aromatics are benzene, toluene, and xylene (BTX).

Asphalt. A dark-brown-to-black cement-like material containing bitumens as the predominant constituent obtained by petroleum processing; used primarily for road construction. It includes crude asphalt as well as the following finished products: cements, fluxes, the asphalt content of emulsions (exclusive of water), and petroleum distillates blended with asphalt to make cutback asphalts. Note: The conversion factor for asphalt is 5.5 barrels per short ton.

ASTM. The acronym for the American Society for Testing and Materials.

Atmospheric Crude Oil Distillation. The refining process of separating crude oil components at atmospheric pressure by heating to temperatures of about 600 degrees Fahrenheit to 750 degrees Fahrenheit (depending on the nature of the crude oil and desired products) and subsequent condensing of the fractions by cooling.

Aviation Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives,

blended to form a fuel suitable for use in aviation reciprocating engines. Fuel specifications are provided in ASTM Specification D 910 and Military Specification MIL-G-5572. Note: Data on blending components are not counted in data on finished aviation gasoline.

Aviation Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus. Oxygenates are reported as other hydrocarbons, hydrogen, and oxygenates.

Barrel. A unit of volume equal to 42 U.S. gallons.

Barrels Per Calendar Day. The amount of input that a distillation facility can process under usual operating conditions. The amount is expressed in terms of capacity during a 24-hour period and reduces the maximum processing capability of all units at the facility under continuous operation (see **Barrels per Stream Day**) to account for the following limitations that may delay, interrupt, or slow down production:

the capability of downstream facilities to absorb the output of crude oil processing facilities of a given refinery. No reduction is made when a planned distribution of intermediate streams through other than downstream facilities is part of a refinery's normal operation;

the types and grades of inputs to be processed;

the types and grades of products expected to be manufactured;

the environmental constraints associated with refinery operations;

the reduction of capacity for scheduled downtime due to such conditions as routine inspection, maintenance, repairs, and turnaround; and

the reduction of capacity for unscheduled downtime due to such conditions as mechanical problems, repairs, and slowdowns.

Barrels Per Stream Day. The maximum number of barrels of input that a distillation facility can process within a 24-hour period when running at full capacity under optimal crude and product slate conditions with no allowance for downtime.

Benzene (C_6H_6). An aromatic hydrocarbon present in small proportion in some crude oils and made commercially from petroleum by the catalytic reforming of naphthenes in petroleum naphtha. Also made from coal in the manufacture of coke. Used as a solvent, in manufacturing detergents, synthetic fibers, and petrochemicals and as a component of high-octane gasoline.

Biomass-Based Diesel Fuel. Biodiesel and other renewable diesel fuel or diesel fuel blending components derived from biomass,

but excluding renewable diesel fuel coprocessed with petroleum feedstocks.

Blending Components. See *Motor or Aviation Gasoline Blending Components*.

Blending Plant. A facility which has no refining capability but is either capable of producing finished motor gasoline through mechanical blending or blends oxygenates with motor gasoline.

Bonded Petroleum Imports. Petroleum imported and entered into Customs bonded storage. These imports are not included in the import statistics until they are: (1) withdrawn from storage free of duty for use as fuel for vessels and aircraft engaged in international trade; or (2) withdrawn from storage with duty paid for domestic use.

BTX. The acronym for the commercial petroleum aromatics benzene, toluene, and xylene. See individual categories for definitions.

Bulk Station. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of less than 50,000 barrels and receives its petroleum products by tank car or truck.

Bulk Terminal. A facility used primarily for the storage and/or marketing of petroleum products which has a total bulk storage capacity of 50,000 barrels or more and/or receives petroleum products by tanker, barge, or pipeline.

Butane (C_4H_{10}). A normally gaseous straight-chain or branch-chain hydrocarbon extracted from natural gas or refinery gas streams. It includes normal butane and refinery-grade butane and is designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial butane.

Normal Butane (C_4H_{10}). A normally gaseous straight-chain hydrocarbon that is a colorless paraffinic gas which boils at a temperature of 31.1 degrees Fahrenheit and is extracted from natural gas or refinery gas streams.

Refinery-Grade Butane (C_4H_{10}). A refinery-produced stream that is composed predominantly of normal butane and/or isobutane and may also contain propane and/or natural gasoline. These streams may also contain significant levels of olefins and/or fluorides contamination.

Butylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes.

Captive Refinery Oxygenate Plants. Oxygenate production facilities located within or adjacent to a refinery complex.

Catalytic Cracking. The refining process of breaking down the larger, heavier, and more complex hydrocarbon molecules into simpler and lighter molecules. Catalytic cracking is accomplished by the use of a catalytic agent and is an effective process for increasing the yield of gasoline from crude oil. Catalytic cracking processes fresh feeds and recycled feeds.

Fresh Feeds. Crude oil or petroleum distillates which are being fed to processing units for the first time.

Recycled Feeds. Feeds that are continuously fed back for additional processing.

Catalytic Hydrocracking. A refining process that uses hydrogen and catalysts with relatively low temperatures and high pressures for converting middle boiling or residual material to high-octane gasoline, reformer charge stock, jet fuel, and/or high grade fuel oil. The process uses one or more catalysts, depending upon product output, and can handle high sulfur feedstocks without prior desulfurization.

Catalytic Hydrotreating. A refining process for treating petroleum fractions from atmospheric or vacuum distillation units (e.g., naphthas, middle distillates, reformer feeds, residual fuel oil, and heavy gas oil) and other petroleum (e.g., cat cracked naphtha, coker naphtha, gas oil, etc.) in the presence of catalysts and substantial quantities of hydrogen. Hydrotreating includes desulfurization, removal of substances (e.g., nitrogen compounds) that deactivate catalysts, conversion of olefins to paraffins to reduce gum formation in gasoline, and other processes to upgrade the quality of the fractions.

Catalytic Reforming. A refining process using controlled heat and pressure with catalysts to rearrange certain hydrocarbon molecules, thereby converting paraffinic and naphthenic type hydrocarbons (e.g., low-octane gasoline boiling range fractions) into petrochemical feedstocks and higher octane stocks suitable for blending into finished gasoline. Catalytic reforming is reported in two categories. They are:

Low Pressure. A processing unit operating at less than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

High Pressure. A processing unit operating at either equal to or greater than 225 pounds per square inch gauge (PSIG) measured at the outlet separator.

Charge Capacity. The input (feed) capacity of the refinery processing facilities.

Coal. A readily combustible black or brownish-black rock whose composition, including inherent moisture, consists of more than 50 percent by weight and more than 70 percent by volume of carbonaceous material. It is formed from plant remains that have been compacted, hardened, chemically altered, and metamorphosed by heat and pressure over geologic time.

Commercial Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Conventional Blendstock for Oxygenate Blending (CBOB). See *Motor Gasoline Blending Components*.

Conventional Gasoline. See *Motor Gasoline (Finished)*.

Crude Oil. A mixture of hydrocarbons that exists in liquid phase in natural underground reservoirs and remains liquid at atmospheric pressure after passing through surface separating facilities. Depending upon the characteristics of the crude stream, it may also include:

Small amounts of hydrocarbons that exist in gaseous phase in natural underground reservoirs but are liquid at atmospheric pressure after being recovered from oil well (casinghead)

gas in lease separators and are subsequently commingled with the crude stream without being separately measured. Lease condensate recovered as a liquid from natural gas wells in lease or field separation facilities and later mixed into the crude stream is also included;

Small amounts of nonhydrocarbons produced from oil, such as sulfur and various metals;

Drip gases, and liquid hydrocarbons produced from tar sands, oil sands, gilsonite, and oil shale.

Liquids produced at natural gas processing plants are excluded. Crude oil is refined to produce a wide array of petroleum products, including heating oils; gasoline, diesel and jet fuels; lubricants; asphalt; ethane, propane, and butane; and many other products used for their energy or chemical content.

Crude oil is considered as either domestic or foreign, according to the following:

Domestic. Crude oil produced in the United States or from its Outer continental shelf as defined in 43 USC 1331.

Foreign. Crude oil produced outside the United States. Imported Athabasca hydrocarbons (tar sands from Canada) are included.

Crude Oil, Refinery Receipts. Receipts of domestic and foreign crude oil at a refinery. Includes all crude oil in transit except crude oil in transit by pipeline. Foreign crude oil is reported as a receipt only after entry through customs. Crude oil of foreign origin held in bonded storage is excluded.

Crude Oil Losses. Represents the volume of crude oil reported by petroleum refineries as being lost in their operations. These losses are due to spills, contamination, fires, etc. as opposed to refinery processing losses.

Crude Oil Production. The volume of crude oil produced from oil reservoirs during given periods of time. The amount of such production for a given period is measured as volumes delivered from lease storage tanks (i.e., the point of custody transfer) to pipelines, trucks, or other media for transport to refineries or terminals with adjustments for (1) net differences between opening and closing lease inventories, and (2) basic sediment and water (BS&W).

Crude Oil Qualities. Refers to two properties of crude oil, the sulfur content and API gravity, which affect processing complexity and product characteristics.

Delayed Coking. A process by which heavier crude oil fractions can be thermally decomposed under conditions of elevated temperatures and pressure to produce a mixture of lighter oils and petroleum coke. The light oils can be processed further in other refinery units to meet product specifications. The coke can be used either as a fuel or in other applications such as the manufacturing of steel or aluminum.

Desulfurization. The removal of sulfur, as from molten metals, petroleum oil, or flue gases. Petroleum desulfurization is a process that removes sulfur and its compounds from various streams during the refining process. Desulfurization processes include

catalytic hydrotreating and other chemical/physical processes such as adsorption. Desulfurization processes vary based on the type of stream treated (e.g., naphtha, distillate, heavy gas oil, etc.) and the amount of sulfur removed (e.g., sulfur reduction to 10 ppm). See *Catalytic Hydrotreating*.

Disposition. The components of petroleum disposition are stock change, crude oil losses, refinery inputs, exports, and products supplied for domestic consumption.

Distillate Fuel Oil. A general classification for one of the petroleum fractions produced in conventional distillation operations. It includes diesel fuels and fuel oils. Products known as No. 1, No. 2, and No. 4 diesel fuel are used in on-highway diesel engines, such as those in trucks and automobiles, as well as off-highway engines, such as those in railroad locomotives and agricultural machinery. Products known as No. 1, No. 2, and No. 4 fuel oils are used primarily for space heating and electric power generation.

No. 1 Distillate. A light petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 1 Diesel Fuel. A light distillate fuel oil that has a distillation temperature of 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high speed diesel engines generally operated under frequent speed and load changes, such as those in city buses and similar vehicles. See *No. 1 Distillate*.

No. 1 Fuel Oil. A light distillate fuel oil that has distillation temperatures of 400 degrees Fahrenheit at the 10-percent recovery point and 550 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 396. It is used primarily as fuel for portable outdoor stoves and portable outdoor heaters. See *No. 1 Distillate*.

No. 2 Distillate. A petroleum distillate that can be used as either a diesel fuel or a fuel oil.

No. 2 Diesel Fuel. A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications defined in ASTM Specification D 975. It is used in high-speed diesel engines that are generally operated under uniform speed and load conditions, such as those in railroad locomotives, trucks, and automobiles. See *No. 2 Distillate*.

Low Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level no higher than 0.05 percent by weight. It is used primarily in motor vehicle diesel engines for on-highway use.

High Sulfur No. 2 Diesel Fuel. No. 2 diesel fuel that has a sulfur level above 0.05 percent by weight.

No. 2 Fuel Oil (Heating Oil). A distillate fuel oil that has a distillation temperature of 640 degrees Fahrenheit at the 90-percent recovery point and meets the specifications

defined in ASTM Specification D 396. It is used in atomizing type burners for domestic heating or for moderate capacity commercial/industrial burner units. See **No. 2 Distillate**.

No. 4 Fuel. A distillate fuel oil made by blending distillate fuel oil and residual fuel oil stocks. It conforms to ASTM Specification D 396 or Federal Specification VV-F-815C and is used extensively in industrial plants and in commercial burner installations that are not equipped with preheating facilities. It also includes No. 4 diesel fuel used for low- and medium-speed diesel engines and conforms to ASTM Specification D 975.

No. 4 Diesel Fuel. See **No. 4 Fuel**.

No. 4 Fuel Oil. See **No. 4 Fuel**.

Electricity (Purchased). Electricity purchased for refinery operations that is not produced within the refinery complex.

Ending Stocks. Primary stocks of crude oil and petroleum products held in storage as of 12 midnight on the last day of the month. Primary stocks include crude oil or petroleum products held in storage at (or in) leases, refineries, natural gas processing plants, pipelines, tank farms, and bulk terminals that can store at least 50,000 barrels of petroleum products or that can receive petroleum products by tanker, barge, or pipeline. Crude oil that is in-transit by water from Alaska, or that is stored on Federal leases or in the Strategic Petroleum Reserve is included. Primary Stocks exclude stocks of foreign origin that are held in bonded warehouse storage.

ETBE (Ethyl tertiary butyl ether) (CH₃)₃COC₂H₅. An oxygenate blend stock formed by the catalytic etherification of isobutylene with ethanol.

Ethane (C₂H₆). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 127.48 degrees Fahrenheit. It is extracted from natural gas and refinery gas streams.

Ether. A generic term applied to a group of organic chemical compounds composed of carbon, hydrogen, and oxygen, characterized by an oxygen atom attached to two carbon atoms (e.g., methyl tertiary butyl ether).

Ethylene (C₂H₄). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes. Ethylene is used as a petrochemical feedstock for numerous chemical applications and the production of consumer goods.

Exports. Shipments of crude oil and petroleum products from the 50 States and the District of Columbia to foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Field Production. Represents crude oil production on leases, natural gas liquids production at natural gas processing plants, new supply of other hydrocarbons/oxygenates and motor gasoline blending components, and fuel ethanol blended into finished motor gasoline.

Flexicoking. A thermal cracking process which converts heavy hydrocarbons such as crude oil, tar sands bitumen, and distillation residues into light hydrocarbons. Feedstocks can be any pumpable hydrocarbons including those containing high concentrations of sulfur and metals.

Fluid Coking. A thermal cracking process utilizing the fluidized-solids technique to remove carbon (coke) for continuous conversion of heavy, low-grade oils into lighter products.

Fresh Feed Input. Represents input of material (crude oil, unfinished oils, natural gas liquids, other hydrocarbons and oxygenates or finished products) to processing units at a refinery that is being processed (input) into a particular unit for the first time.

Examples:

(1.) Unfinished oils coming out of a crude oil distillation unit which are input into a catalytic cracking unit are considered fresh feed to the catalytic cracking unit.

(2.) Unfinished oils coming out of a catalytic cracking unit being looped back into the same catalytic cracking unit to be reprocessed are not considered fresh feed.

Fuel Ethanol (C₂H₅OH). An anhydrous alcohol (ethanol with less than 1% water) intended for gasoline blending as described in Oxygenates definition.

Fuels Solvent Deasphalting. A refining process for removing asphalt compounds from petroleum fractions, such as reduced crude oil. The recovered stream from this process is used to produce fuel products.

Gas Oil. A liquid petroleum distillate having a viscosity intermediate between that of kerosene and lubricating oil. It derives its name from having originally been used in the manufacture of illuminating gas. It is now used to produce distillate fuel oils and gasoline.

Gasohol. A blend of finished motor gasoline containing alcohol (generally ethanol but sometimes methanol) at a concentration of 10 percent or less by volume. Data on gasohol that has at least 2.7 percent oxygen, by weight, and is intended for sale inside carbon monoxide nonattainment areas are included in data on oxygenated gasoline. See **Oxygenates**.

Gasoline Blending Components. Naphthas which will be used for blending or compounding into finished aviation or motor gasoline (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, and xylene). Excludes oxygenates (alcohols, ethers), butane, and pentanes plus.

Gasoline Treated as Blendstock (GTAB). See **Motor Gasoline Blending Components**.

Gross Input to Atmospheric Crude Oil Distillation Units. Total input to atmospheric crude oil distillation units. Includes all crude oil, lease condensate, natural gas plant liquids, unfinished oils, liquefied refinery gases, slop oils, and other liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Heavy Gas Oil. Petroleum distillates with an approximate boiling range from 651 degrees Fahrenheit to 1000 degrees Fahrenheit.

High-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 500 ppm.

Hydrogen. The lightest of all gases, occurring chiefly in combination with oxygen in water; exists also in acids, bases, alcohols, petroleum, and other hydrocarbons.

Idle Capacity. The component of operable capacity that is not in operation and not under active repair, but capable of being placed in operation within 30 days; and capacity not in operation but under active repair that can be completed within 90 days.

Imported Crude Oil Burned As Fuel. The amount of foreign crude oil burned as a fuel oil, usually as residual fuel oil, without being processed as such. Imported crude oil burned as fuel includes lease condensate and liquid hydrocarbons produced from tar sands, gilsonite, and oil shale.

Imports. Receipts of crude oil and petroleum products into the 50 States and the District of Columbia from foreign countries, Puerto Rico, the Virgin Islands, and other U.S. possessions and territories.

Isobutane (C_4H_{10}). A normally gaseous branch-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of 10.9 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams.

Isobutylene (C_4H_8). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Isohexane (C_6H_{14}). A saturated branch-chain hydrocarbon. It is a colorless liquid that boils at a temperature of 156.2 degrees Fahrenheit.

Isomerization. A refining process which alters the fundamental arrangement of atoms in the molecule without adding or removing anything from the original material. Used to convert normal butane into isobutane (C_4), an alkylation process feedstock, and normal pentane and hexane into isopentane (C_5) and isohexane (C_6), high-octane gasoline components.

Isopentane. See *Natural Gasoline and Isopentane*.

Kerosene. A light petroleum distillate that is used in space heaters, cook stoves, and water heaters and is suitable for use as a light source when burned in wick-fed lamps. Kerosene has a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point, a final boiling point of 572 degrees Fahrenheit, and a minimum flash point of 100 degrees Fahrenheit. Included are No. 1-K and No. 2-K, the two grades recognized by ASTM Specification D 3699 as well as all other grades of kerosene called range or stove oil, which have properties similar to those of No. 1 fuel oil. See *Kerosene-Type Jet Fuel*.

Kerosene-Type Jet Fuel. A kerosene-based product having a maximum distillation temperature of 400 degrees Fahrenheit at the 10-percent recovery point and a final maximum boiling point of 572 degrees Fahrenheit and meeting ASTM Specification D 1655 and Military Specifications MIL-T-5624P and MIL-T-83133D (Grades JP-5 and JP-8). It is used for commercial and military turbojet and

turboprop aircraft engines.

Commercial. Kerosene-type jet fuel intended for use in commercial aircraft.

Military. Kerosene-type jet fuel intended for use in military aircraft.

Lease Condensate. A mixture consisting primarily of pentanes and heavier hydrocarbons which is recovered as a liquid from natural gas in lease separation facilities. This category excludes natural gas liquids, such as butane and propane, which are recovered at downstream natural gas processing plants or facilities. See *Natural Gas Liquids*.

Light Gas Oils. Liquid Petroleum distillates heavier than naphtha, with an approximate boiling range from 401 degrees Fahrenheit to 650 degrees Fahrenheit.

Liquefied Petroleum Gases (LPG). A group of hydrocarbon-based gases derived from crude oil refining or natural gas fractionation. They include: ethane, ethylene, propane, propylene, normal butane, butylene, isobutane, and isobutylene. For convenience of transportation, these gases are liquefied through pressurization.

Liquefied Refinery Gases (LRG). Liquefied petroleum gases fractionated from refinery or still gases. Through compression and/or refrigeration, they are retained in the liquid state. The reported categories are ethane/ethylene, propane/propylene, normal butane/butylene, and isobutane/isobutylene. Excludes still gas.

Low-Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content greater than 15 ppm to 500 ppm. Low sulfur distillate fuel oil also includes product with sulfur content equal to or less than 15 ppm if the product is intended for pipeline shipment and the pipeline has a sulfur specification below 15 ppm.

Lubricants. Substances used to reduce friction between bearing surfaces or as process materials either incorporated into other materials used as processing aids in the manufacture of other products, or used as carriers of other materials. Petroleum lubricants may be produced either from distillates or residues. Lubricants include all grades of lubricating oils from spindle oil to cylinder oil and those used in greases.

Merchant Oxygenate Plants. Oxygenate production facilities that are not associated with a petroleum refinery. Production from these facilities is sold under contract or on the spot market to refiners or other gasoline blenders.

Methanol (CH_3OH). A light, volatile alcohol intended for gasoline blending as described in Oxygenate definition.

Middle Distillates. A general classification of refined petroleum products that includes distillate fuel oil and kerosene.

Military Kerosene-Type Jet Fuel. See *Kerosene-Type Jet Fuel*.

Miscellaneous Products. Includes all finished products not classified elsewhere (e.g., petrolatum, lube refining byproducts (aromatic extracts and tars), absorption oils, ram-jet fuel, petroleum rocket

fuels, synthetic natural gas feedstocks, and specialty oils). Note: Beginning with January 2004 data, naphtha-type jet fuel is included in Miscellaneous Products.

Motor Gasoline (Finished). A complex mixture of relatively volatile hydrocarbons with or without small quantities of additives, blended to form a fuel suitable for use in spark-ignition engines. Motor gasoline, as defined in ASTM Specification D 4814 or Federal Specification VV-G-1690C, is characterized as having a boiling range of 122 to 158 degrees Fahrenheit at the 10 percent recovery point to 365 to 374 degrees Fahrenheit at the 90 percent recovery point. "Motor Gasoline" includes conventional gasoline; all types of oxygenated gasoline, including gasohol; and reformulated gasoline, but excludes aviation gasoline. Volumetric data on blending components, such as oxygenates, are not counted in data on finished motor gasoline until the blending components are blended into the gasoline. Note: E85 is included only in volumetric data on finished motor gasoline production and other components of product supplied.

Conventional Gasoline. Finished motor gasoline not included in the oxygenated or reformulated gasoline categories. Note: This category excludes reformulated gasoline blendstock for oxygenate blending (RBOB) as well as other blendstock.

Ed 55 and Lower. Finished conventional motor gasoline blended with a maximum of 55 volume percent denatured fuel ethanol.

Greater than Ed55. Finished conventional motor gasoline blended with denatured fuel ethanol where the volume percent of denatured fuel ethanol exceeds 55%.

OPRG. "Oxygenated Fuels Program Reformulated Gasoline" is reformulated gasoline which is intended for use in an oxygenated fuels program control area.

Oxygenated Gasoline (Including Gasohol). Oxygenated gasoline includes all finished motor gasoline, other than reformulated gasoline, having oxygen content of 2.0 percent or higher by weight. Gasohol containing a minimum 5.7 percent ethanol by volume is included in oxygenated gasoline. Oxygenated gasoline was reported as a separate product from January 1993 until December 2003 inclusive. Beginning with monthly data for January 2004, oxygenated gasoline is included in conventional gasoline. Historical data for oxygenated gasoline excluded Federal Oxygenated Program Reformulated Gasoline (OPRG). Historical oxygenated gasoline data also excluded other reformulated gasoline with a seasonal oxygen requirement regardless of season.

Reformulated Gasoline. Finished gasoline formulated for use in motor vehicles, the composition and properties of which meet the requirements of the reformulated gasoline regulations promulgated by the U.S. Environmental Protection Agency under Section 211(k) of the Clean Air Act. It includes gasoline produced to meet or exceed emissions performance and benzene content standards of

federal-program reformulated gasoline even though the gasoline may not meet all of the composition requirements (e.g., oxygen content) of federal-program reformulated gasoline. Note: This category includes Oxygenated Fuels Program Reformulated Gasoline (OPRG). Reformulated gasoline excludes Reformulated Blendstock for Oxygenate Blending (RBOB) and Gasoline Treated as Blendstock (GTAB).

Reformulated (Blended with Alcohol). Reformulated gasoline blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content.

Reformulated (Blended with Ether). Reformulated gasoline blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content.

Reformulated (Non-Oxygenated). Reformulated gasoline without added ether or alcohol components.

Motor Gasoline Blending. Mechanical mixing of motor gasoline blending components, and oxygenates when required, to produce finished motor gasoline. Finished motor gasoline may be further mixed with other motor gasoline blending components or oxygenates, resulting in increased volumes of finished motor gasoline and/or changes in the formulation of finished motor gasoline (e.g., conventional motor gasoline mixed with MTBE to produce oxygenated motor gasoline).

Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. These components include reformulated gasoline blendstock for oxygenate blending (RBOB) but exclude oxygenates (alcohols, ethers), butane, and pentanes plus. Note: Oxygenates are reported as individual components and are included in the total for other hydrocarbons, hydrogens, and oxygenates.

Conventional Blendstock for Oxygenate Blending (CBOB). Conventional gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. CBOB must become conventional gasoline after blending with oxygenates. Motor gasoline blending components that require blending other than with oxygenates to become finished conventional gasoline are reported as All Other Motor Gasoline Blending Components. Excludes reformulated blendstock for oxygenate blending (RBOB).

Gasoline Treated as Blendstock (GTAB). Non-certified Foreign Refinery gasoline classified by an importer as blendstock to be either blended or reclassified with respect to reformulated or conventional gasoline. GTAB was classified on EIA surveys as either reformulated or conventional based on emissions performance and the intended end use in data through the end of December 2009. Designation of GTAB as reformulated or conventional was discontinued beginning with data for January 2010. GTAB was reported as a single

product beginning with data for January 2010. GTAB data for January 2010 and later months is presented as conventional motor gasoline blending components when reported as a subset of motor gasoline blending components.

Reformulated Blendstock for Oxygenate Blending (RBOB). Specially produced reformulated gasoline blendstock intended for blending with oxygenates downstream of the refinery where it was produced. Includes RBOB used to meet requirements of the Federal reformulated gasoline program and other blendstock intended for blending with oxygenates to produce finished gasoline that meets or exceeds emissions performance requirements of Federal reformulated gasoline (e.g., California RBOB and Arizona RBOB). Excludes conventional gasoline blendstocks for oxygenate blending (CBOB).

RBOB for Blending with Alcohol. Motor gasoline blending components intended to be blended with an alcohol component (e.g., fuel ethanol) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

RBOB for Blending with Ether. Motor gasoline blending components intended to be blended with an ether component (e.g., methyl tertiary butyl ether) at a terminal or refinery to raise the oxygen content. RBOB product detail by type of oxygenate was discontinued effective with data for January 2010. Beginning with data for January 2010, RBOB was reported as a single product.

All Other Motor Gasoline Blending Components. Naphthas (e.g., straight-run gasoline, alkylate, reformate, benzene, toluene, xylene) used for blending or compounding into finished motor gasoline. Includes receipts and inputs of Gasoline Treated as Blendstock (GTAB). Excludes conventional blendstock for oxygenate blending (CBOB), reformulated blendstock for oxygenate blending, oxygenates (e.g., fuel ethanol and methyl tertiary butyl ether), butane, and pentanes plus.

MTBE (Methyl tertiary butyl ether) $(CH_3)_3COCH_3$. An ether intended for gasoline blending as described in Oxygenate definition.

Naphtha. A generic term applied to a petroleum fraction with an approximate boiling range between 122 degrees Fahrenheit and 400 degrees Fahrenheit.

Naphtha Less Than 401° F. See *Petrochemical Feedstocks*.

Naphtha-Type Jet Fuel. A fuel in the heavy naphtha boiling range having an average gravity of 52.8 degrees API, 20 to 90 percent distillation temperatures of 290 degrees to 470 degrees Fahrenheit, and meeting Military Specification MIL-T-5624L (Grade JP-4). It is used primarily for military turbojet and turboprop aircraft engines because it has a lower freeze point than other aviation fuels and meets engine requirements at high altitudes and speeds. Note:

Beginning with January 2004 data, naphtha-type jet fuel is included in *Miscellaneous Products*.

Natural Gas. A gaseous mixture of hydrocarbon compounds, the primary one being **methane**.

Natural Gas Field Facility. A field facility designed to process natural gas produced from more than one lease for the purpose of recovering condensate from a stream of natural gas; however, some field facilities are designed to recover propane, normal butane, pentanes plus, etc., and to control the quality of natural gas to be marketed.

Natural Gas Liquids. Those hydrocarbons in natural gas that are separated from the gas as liquids through the process of absorption, condensation, adsorption, or other methods in gas processing or cycling plants. Generally such liquids consist of propane and heavier hydrocarbons and are commonly referred to as lease condensate, natural gasoline, and liquefied petroleum gases. Natural gas liquids include natural gas plant liquids (primarily ethane, propane, butane, and isobutane; see *Natural Gas Plant Liquids*) and lease condensate (primarily pentanes produced from natural gas at lease separators and field facilities; see *Lease Condensate*).

Natural Gas Plant Liquids. Those hydrocarbons in natural gas that are separated as liquids at natural gas processing plants, fractionating and cycling plants, and, in some instances, field facilities. Lease condensate is excluded. Products obtained include ethane; liquefied petroleum gases (propane, butanes, propane-butane mixtures, ethane-propane mixtures); isopentane; and other small quantities of finished products, such as motor gasoline, special naphthas, jet fuel, kerosene, and distillate fuel oil.

Natural Gas Processing Plant. Facilities designed to recover natural gas liquids from a stream of natural gas that may or may not have passed through lease separators and/or field separation facilities. These facilities control the quality of the natural gas to be marketed. Cycling plants are classified as gas processing plants.

Natural Gasoline and Isopentane. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas, that meets vapor pressure, end-point, and other specifications for natural gasoline set by the Gas Processors Association. Includes isopentane which is a saturated branch-chain hydrocarbon, (C_5H_{12}) , obtained by fractionation of natural gasoline or isomerization of normal pentane.

Net Receipts. The difference between total movements into and total movements out of each PAD District by pipeline, tanker, and barge.

Normal Butane. See *Butane*.

OPEC. An intergovernmental organization whose stated objective is to coordinate and unify petroleum policies of member countries. It was created at the Baghdad Conference on September 10–14, 1960. Current members (with years of membership) include Algeria (1969-present), Angola (2007-present), Ecuador (1973-1992 and 2007-present), Iran (1960-present), Iraq (1960-present), Kuwait (1960-present), Libya (1962-present), Nigeria (1971-present), Qatar (1961-present), Saudi Arabia (1960-present), United Arab Emirates (1967-present), and Venezuela (1960-present). Countries no longer

members of OPEC include Gabon (1975-1994) and Indonesia (1962-2008).

Operable Capacity. The amount of capacity that, at the beginning of the period, is in operation; not in operation and not under active repair, but capable of being placed in operation within 30 days; or not in operation but under active repair that can be completed within 90 days. Operable capacity is the sum of the operating and idle capacity and is measured in barrels per calendar day or barrels per stream day.

Operable Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operable refining capacity of the units.

Operating Capacity. The component of operable capacity that is in operation at the beginning of the period.

Operating Utilization Rate. Represents the utilization of the atmospheric crude oil distillation units. The rate is calculated by dividing the gross input to these units by the operating refining capacity of the units.

Other Hydrocarbons. Materials received by a refinery and consumed as a raw material. Includes hydrogen, coal tar derivatives, gilsonite, and natural gas received by the refinery for reforming into hydrogen. Natural gas to be used as fuel is excluded.

Other Oils Equal To or Greater Than 401° F. See *Petrochemical Feedstocks*.

Other Oxygenates. Other aliphatic alcohols and aliphatic ethers intended for motor gasoline blending (e.g., isopropyl ether (IPE) or n-propanol).

Oxygenated Gasoline. See *Motor Gasoline (Finished)*.

Oxygenates. Substances which, when added to gasoline, increase the amount of oxygen in that gasoline blend. Fuel Ethanol, Methyl Tertiary Butyl Ether (MTBE), Ethyl Tertiary Butyl Ether (ETBE), and methanol are common oxygenates.

Fuel Ethanol. Blends of up to 10 percent by volume anhydrous ethanol (200 proof) (commonly referred to as the “gasohol waiver”).

Methanol. Blends of methanol and gasoline-grade tertiary butyl alcohol (GTBA) such that the total oxygen content does not exceed 3.5 percent by weight and the ratio of methanol to GTBA is less than or equal to 1. It is also specified that this blended fuel must meet ASTM volatility specifications (commonly referred to as the “ARCO” waiver).

Blends of up to 5.0 percent by volume methanol with a minimum of 2.5 percent by volume cosolvent alcohols having a carbon number of 4 or less (i.e., ethanol, propanol, butanol, and/or GTBA). The total oxygen must not exceed 3.7 percent by weight, and the blend must meet ASTM volatility specifications as well as phase separation and alcohol purity specifications (commonly referred to as the “DuPont” waiver).

MTBE (Methyl tertiary butyl ether). Blends up to 15.0 percent by volume MTBE which must meet the ASTM D4814 specifications. Blenders must take precautions that the blends are not used as base gasolines for other oxygenated blends (commonly referred to as the “Sun” waiver).

Pentanes Plus. A mixture of hydrocarbons, mostly pentanes and heavier, extracted from natural gas. Includes isopentane, natural gasoline, and plant condensate.

Persian Gulf. The countries that comprise the Persian Gulf are: Bahrain, Iran, Iraq, Kuwait, Qatar, Saudi Arabia, and the United Arab Emirates.

Petrochemical Feedstocks. Chemical feedstocks derived from petroleum principally for the manufacture of chemicals, synthetic rubber, and a variety of plastics. The categories reported are “Naphtha Less Than 401° F” and “Other Oils Equal To or Greater Than 401° F.”

Naphtha Less Than 401° F. A naphtha with a boiling range of less than 401 degrees Fahrenheit that is intended for use as a petrochemical feedstock.

Other Oils Equal To or Greater Than 401° F. Oils with a boiling range equal to or greater than 401 degrees Fahrenheit that are intended for use as a petrochemical feedstock.

Petroleum Administration for Defense (PAD) Districts. Geographic aggregations of the 50 States and the District of Columbia into five districts by the Petroleum Administration for Defense in 1950. These districts were originally defined during World War II for purposes of administering oil allocation.

Petroleum Coke. A residue high in carbon content and low in hydrogen that is the final product of thermal decomposition in the condensation process in cracking. This product is reported as marketable coke or catalyst coke. The conversion is 5 barrels (of 42 U.S. gallons each) per short ton. Coke from petroleum has a heating value of 6.024 million Btu per barrel.

Catalyst Coke. In many catalytic operations (e.g., catalytic cracking) carbon is deposited on the catalyst, thus deactivating the catalyst. The catalyst is reactivated by burning off the carbon, which is used as a fuel in the refining process. This carbon or coke is not recoverable in a concentrated form.

Marketable Coke. Those grades of coke produced in delayed or fluid cokers which may be recovered as relatively pure carbon. This “green” coke may be sold as is or further purified by calcining.

Petroleum Products. Petroleum products are obtained from the processing of crude oil (including lease condensate), natural gas, and other hydrocarbon compounds. Petroleum products include unfinished oils, liquefied petroleum gases, pentanes plus, aviation gasoline, motor gasoline, naphtha-type jet fuel, kerosene-type jet fuel, kerosene, distillate fuel oil, residual fuel oil, petrochemical feedstocks, special naphthas, lubricants, waxes, petroleum coke, asphalt, road oil, still gas, and miscellaneous products.

Pipeline (Petroleum). Crude oil and product pipelines used to transport crude oil and petroleum products respectively, (including interstate, intrastate, and intracompany pipelines) within the 50 States and the District of Columbia.

Plant Condensate. One of the natural gas liquids, mostly pentanes and heavier hydrocarbons, recovered and separated as liquids at gas inlet separators or scrubbers in processing plants.

Processing Gain. The volumetric amount by which total output is greater than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a lower specific gravity than the crude oil processed.

Processing Loss. The volumetric amount by which total refinery output is less than input for a given period of time. This difference is due to the processing of crude oil into products which, in total, have a higher specific gravity than the crude oil processed.

Product Supplied, Crude Oil. Crude oil burned on leases and by pipelines as fuel.

Production Capacity. The maximum amount of product that can be produced from processing facilities.

Products Supplied. Approximately represents consumption of petroleum products because it measures the disappearance of these products from primary sources, i.e., refineries, natural gas processing plants, blending plants, pipelines, and bulk terminals. In general, product supplied of each product in any given period is computed as follows: field production, plus refinery production, plus imports, plus unaccounted for crude oil, (plus net receipts when calculated on a PAD District basis), minus stock change, minus crude oil losses, minus refinery inputs, minus exports.

Propane (C_3H_8). A normally gaseous straight-chain hydrocarbon. It is a colorless paraffinic gas that boils at a temperature of - 43.67 degrees Fahrenheit. It is extracted from natural gas or refinery gas streams. It includes all products designated in ASTM Specification D1835 and Gas Processors Association Specifications for commercial propane and HD-5 propane.

Propylene (C_3H_6). An olefinic hydrocarbon recovered from refinery processes or petrochemical processes.

Propylene (C_3H_6) (nonfuel use). Propylene that is intended for use in nonfuel applications such as petrochemical manufacturing. Nonfuel use propylene includes chemical-grade propylene, polymer-grade propylene, and trace amounts of propane. Nonfuel use propylene also includes the propylene component of propane/propylene mixes where the propylene will be separated from the mix in a propane/propylene splitting process. Excluded is the propylene component of propane/propylene mixes where the propylene component of the mix is intended for sale into the fuel market.

Refinery. An installation that manufactures finished petroleum products from crude oil, unfinished oils, natural gas liquids, other hydrocarbons, and oxygenates.

Refinery-Grade Butane. See *Butane*.

Refinery Input, Crude Oil. Total crude oil (domestic plus foreign) input to crude oil distillation units and other refinery processing units (cokers, etc.).

Refinery Input, Total. The raw materials and intermediate materials processed at refineries to produce finished petroleum products. They include crude oil, products of natural gas processing plants, unfinished oils, other hydrocarbons and oxygenates, motor gasoline and aviation gasoline blending components and finished petroleum products.

Refinery Production. Petroleum products produced at a refinery or blending plant. Published production of these products equals refinery production minus refinery input. Negative production will occur when the amount of a product produced during the month is less than the amount of that same product that is reprocessed (input) or reclassified to become another product during the same month. Refinery production of unfinished oils, and motor and aviation gasoline blending components appear on a net basis under refinery input.

Refinery Yield. Refinery yield (expressed as a percentage) represents the percent of finished product produced from input of crude oil and net input of unfinished oils. It is calculated by dividing the sum of crude oil and net unfinished input into the individual net production of finished products. Before calculating the yield for finished motor gasoline, the input of natural gas liquids, other hydrocarbons and oxygenates, and net input of motor gasoline blending components must be subtracted from the net production of finished motor gasoline. Before calculating the yield for finished aviation gasoline, input of aviation gasoline blending components must be subtracted from the net production of finished aviation gasoline.

Reformulated Blendstock for Oxygenate Blending (RBOB). See *Motor Gasoline Blending Components*.

Reformulated Gasoline. See *Motor Gasoline (Finished)*.

Renewable Fuels (Other). Fuels and fuel blending components, except biomass-based diesel fuel, renewable diesel fuel, and fuel ethanol, produced from renewable biomass.

Residual Fuel Oil. A general classification for the heavier oils, known as No. 5 and No. 6 fuel oils, that remain after the distillate fuel oils and lighter hydrocarbons are distilled away in refinery operations. It conforms to ASTM Specifications D 396 and D 975 and Federal Specification VV-F-815C. No. 5, a residual fuel oil of medium viscosity, is also known as Navy Special and is defined in Military Specification MIL-F-859E, including Amendment 2 (NATO Symbol F-770). It is used in steam-powered vessels in government service and inshore power plants. No. 6 fuel oil includes Bunker C fuel oil and is used for the production of electric power, space heating, vessel bunkering, and various industrial purposes.

Residuum. Residue from crude oil after distilling off all but the heaviest components, with a boiling range greater than 1000 degrees Fahrenheit.

Road Oil. Any heavy petroleum oil, including residual asphaltic oil used as a dust palliative and surface treatment on roads and highways.

It is generally produced in six grades from 0, the most liquid, to 5, the most viscous.

Shell Storage Capacity. The design capacity of a petroleum storage tank which is always greater than or equal to working storage capacity. Special Naphthas. All finished products within the naphtha boiling range that are used as paint thinners, cleaners, or solvents. These products are refined to a specified flash point. Special naphthas include all commercial hexane and cleaning solvents conforming to ASTM Specification D1836 and D484, respectively. Naphthas to be blended or marketed as motor gasoline or aviation gasoline, or that are to be used as petrochemical and synthetic natural gas (SNG) feedstocks are excluded.

Steam (Purchased). Steam, purchased for use by a refinery, that was not generated from within the refinery complex.

Still Gas (Refinery Gas). Any form or mixture of gases produced in refineries by distillation, cracking, reforming, and other processes. The principal constituents are methane, ethane, ethylene, normal butane, butylene, propane, propylene, etc. Still gas is used as a refinery fuel and a petrochemical feedstock. The conversion factor is 6 million BTU's per fuel oil equivalent barrel.

Stock Change. The difference between stocks at the beginning of the reporting period and stocks at the end of the reporting period. Note: A negative number indicates a decrease (i.e., a drawdown) in stocks and a positive number indicates an increase (i.e., a buildup) in stocks during the reporting period.

Strategic Petroleum Reserve (SPR). Petroleum stocks maintained by the Federal Government for use during periods of major supply interruption.

Sulfur. A yellowish nonmetallic element, sometimes known as "brimstone." It is present at various levels of concentration in many fossil fuels whose combustion releases sulfur compounds that are considered harmful to the environment. Some of the most commonly used fossil fuels are categorized according to their sulfur content, with lower sulfur fuels usually selling at a higher price. Note: No. 2 Distillate fuel is currently reported as having either a 0.05 percent or lower sulfur level for on-highway vehicle use or a greater than 0.05 percent sulfur level for off-highway use, home heating oil, and commercial and industrial uses. Residual fuel, regardless of use, is classified as having either no more than 1 percent sulfur or greater than 1 percent sulfur. Coal is also classified as being low-sulfur at concentrations of 1 percent or less or high-sulfur at concentrations greater than 1 percent.

Supply. The components of petroleum supply are field production, refinery production, imports, and net receipts when calculated on a PAD District basis.

TAME (Tertiary amyl methyl ether) $(CH_3)_2(C_2H_5)COCH_3$. An oxygenate blend stock formed by the catalytic etherification of isoamylene with methanol.

Tank Farm. An installation used by gathering and trunk pipeline companies, crude oil producers, and terminal operators (except refineries) to store crude oil.

Tanker and Barge. Vessels that transport crude oil or petroleum products. Data are reported for movements between PAD Districts; from a PAD District to the Panama Canal; or from the Panama Canal to a PAD District.

TBA (Tertiary butyl alcohol) $(CH_3)_3COH$. An alcohol primarily used as a chemical feedstock, a solvent or feedstock for isobutylene production for MTBE; produced as a co-product of propylene oxide production or by direct hydration of isobutylene.

Thermal Cracking. A refining process in which heat and pressure are used to break down, rearrange, or combine hydrocarbon molecules. Thermal cracking includes gas oil, visbreaking, fluid coking, delayed coking, and other thermal cracking processes (e.g., flexicoking). See individual categories for definition.

Toluene $(C_6H_5CH_3)$. Colorless liquid of the aromatic group of petroleum hydrocarbons, made by the catalytic reforming of petroleum naphthas containing methyl cyclohexane. A high-octane gasoline-blending agent, solvent, and chemical intermediate, base for TNT.

Ultra-Low Sulfur Distillate Fuel Oil. Distillate fuel oil having sulfur content of 15 ppm or lower. Ultra-low sulfur distillate fuel oil that will be shipped by pipeline must satisfy the sulfur specification of the shipping pipeline if the pipeline specification is below 15 ppm. Distillate fuel oil intended for pipeline shipment that fails to meet a pipeline sulfur specification that is below 15 ppm will be classified as low-sulfur distillate fuel oil.

Unaccounted for Crude Oil. Represents the arithmetic difference between the calculated supply and the calculated disposition of crude oil. The calculated supply is the sum of crude oil production plus imports minus changes in crude oil stocks. The calculated disposition of crude oil is the sum of crude oil input to refineries, crude oil exports, crude oil burned as fuel, and crude oil losses.

Unfinished Oils. All oils requiring further processing, except those requiring only mechanical blending. Unfinished oils are produced by partial refining of crude oil and include naphthas and lighter oils, kerosene and light gas oils, heavy gas oils, and residuum.

Unfractionated Streams. Mixtures of unsegregated natural gas liquid components excluding those in plant condensate. This product is extracted from natural gas.

United States. The United States is defined as the 50 States and the District of Columbia.

Vacuum Distillation. Distillation under reduced pressure (less the atmospheric) which lowers the boiling temperature of the liquid being distilled. This technique with its relatively low temperatures prevents cracking or decomposition of the charge stock.

Visbreaking. A thermal cracking process in which heavy atmospheric or vacuum-still bottoms are cracked at moderate temperatures to increase production of distillate products and reduce viscosity of the distillation residues.

Wax. A solid or semi-solid material at 77 degrees Fahrenheit consisting of a mixture of hydrocarbons obtained or derived from

petroleum fractions, or through a Fischer-Tropsch type process, in which the straight-chained paraffin series predominates. This includes all marketable wax, whether crude or refined, with a congealing point (ASTM D 938) between 80 (or 85) and 240 degrees Fahrenheit and a maximum oil content (ASTM D 3235) of 50 weight percent.

Working Storage Capacity. The difference in volume between the maximum safe fill capacity and the quantity below which pump

suction is ineffective (bottoms).

Xylene ($C_6H_4(CH_3)_2$). Colorless liquid of the aromatic group of hydrocarbons made the catalytic reforming of certain naphthenic petroleum fractions. Used as high-octane motor and aviation gasoline blending agents, solvents, chemical intermediates. Isomers are metaxylene, orthoxylene, paraxylene.